

## Product datasheet for **TA378009**

### Galectin 8 (LGALS8) Rabbit Polyclonal Antibody

#### Product data:

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:           | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications:           | IHC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilution:   | WB,1:500 - 1:2000<br>IHC,1:50 - 1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity:             | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Modifications:          | Unmodified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host:                   | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype:                | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality:              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen:              | Recombinant fusion protein containing a sequence corresponding to amino acids 20-317 of human Galectin 8/Galectin 8/LGALS8 (NP_963838.1).                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formulation:            | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration:          | lot specific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification:           | Affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugation:            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Stability:              | Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Predicted Protein Size: | 35kDa/40kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name:              | galectin 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Database Link:          | <a href="#">Entrez Gene 3964 Human O00214</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Background:             | This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. |



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**Synonyms:** Gal-8; galectin-8; galectin-8g; PCTA-1; PCTA1; Po66-CBP