

## Product datasheet for **TA384359S**

### Histone H1.3 (HIST1H1D) Rabbit Monoclonal Antibody [Clone ID: R09-8H7]

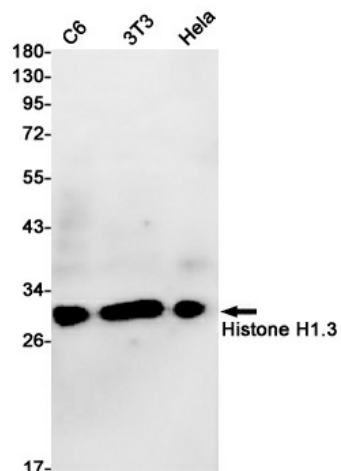
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | R09-8H7   |
| Applications:           | IF, IHC, WB   |
| Recommended Dilution:   | WB: 1/1000<br>IHC: 1/200<br>ICC/IF: 1/100   |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Monoclonal  |
| Immunogen:              | A synthetic peptide of human Histone H1.3   |
| Formulation:            | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA   |
| Concentration:          | lot specific  |
| Purification:           | Affinity Purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  |
| Stability:              | 1 year  |
| Predicted Protein Size: | Calculated MW: 22 kDa; Observed MW: 30 kDa  |
| Gene Name:              | histone cluster 1, H1d  |
| Database Link:          | <a href="#">Entrez Gene 3007 Human P16402</a>   |
| Background:             | Swiss-Prot Acc.P16402.Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation . |
| Synonyms:               | H1.3; H1F3; MGC138176   |

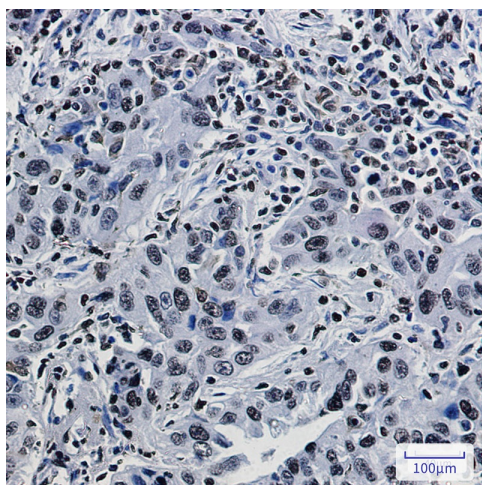


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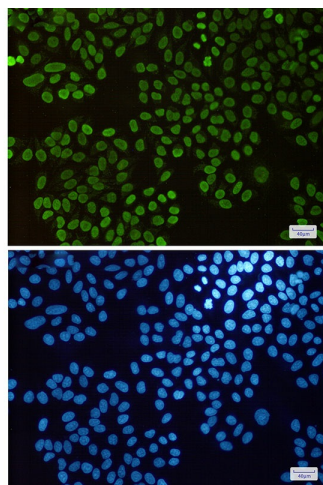
## Product images:



Western blot analysis of Histone H1.3 in C6, 3T3, HeLa lysates using Histone H1.3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Histone H1.3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of Histone H1.3(green) in HeLa using Histone H1.3 antibody, and DAPI(blue)