

## Product datasheet for **SM106P**

### IL5 Rat Monoclonal Antibody [Clone ID: TRFK5]

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | TRFK5  |
| Applications:         | ELISA, FC, WB  |
| Recommended Dilution: | Flow Cytometry: Membrane permeabilisation is required for this application.<br>ELISA: This antibody may be used in combination with clone TRFK4 (SM1699PX) in ELISA and ELISPOT assays.<br>Western Blot. |
| Reactivity:           | Guinea Pig, Human, Mouse   |
| Host:                 | Rat  |
| Isotype:              | IgG1   |
| Clonality:            | Monoclonal   |
| Immunogen:            | Purified natural murine IL-5.  |
| Specificity:          | This antibody is specific for Interleukin 5 (IL-5).<br>Clone TRFK5 may be used to neutralise IL-5 bioactivity in a functional assay (1,2).   |
| Formulation:          | PBS containing 0.09% Sodium Azide<br>State: Purified<br>State: Liquid purified IgG   |
| Concentration:        | lot specific   |
| Purification:         | Affinity chromatography on Protein G   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | interleukin 5  |
| Database Link:        | <a href="#">Entrez Gene 3567 Human P05113</a>  |
| Background:           | IL-5 is a T cell derived haematopoietic growth factor, which stimulates eosinophil differentiation and activation.   |



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**Synonyms:** IL-5, B-cell differentiation factor I, Eosinophil differentiation factor, T-cell replacing factor, TRF