

# Product Datasheet

## Tryptase alpha/beta 1 Antibody (TPSAB1/1961) [DyLight 550]

**NBP2-75754R**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75754R**

Tryptase alpha/beta 1 Antibody (TPSAB1/1961) [DyLight 550]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | TPSAB1/1961   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | DyLight 550   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |   |
|-------------------------|---|
| Host                    | Mouse   |
| Gene ID                 | 7177  |
| Gene Symbol             | TPSAB1  |
| Species                 | Human   |
| Marker                  | Mast Cell Marker  |
| Specificity/Sensitivity | <p>This antibody reacts with mast cells distributed in skin, synovium, lung, and heart. This antibody does not bind with any other cell type. Human mast cell tryptase is considered to be an important marker of mast cell activation and is an important mediator of inflammation. Mastocytosis is a term collectively used for a group of disorders in which there is abnormal accumulation of mast cells in one or multiple organs. Anti-tryptase, combined with anti-CD2, anti-CD25, and anti-CD117, can be useful in identifying reactive mast cell hyperplasia, myelogenous neoplasms, mast cell leukemia, and mastocytosis.</p> <p>Due to sequence identity this antibody will likely cross react with tryptase beta 2.</p> |
| Immunogen               | Recombinant human Tryptase alpha/TPS1 protein fragment (around aa 115-233) (Exact sequence is proprietary) (Uniprot: Q15661)  |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array     |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP2-75754R**

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|                 |   |
|-----------------|---|
| NBP1-43319R     | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 550] |
| NBP2-61189-50ug | Recombinant Human Tryptase alpha/beta 1 His Protein         |
| 203-IL-010      | IL-3 [Unconjugated]   |
| NBP2-08022      | Tryptase alpha/beta 1 Overexpression Lysate                 |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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