

For Research Use Only

TPSAB1 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66174-1-PBS



Basic Information

| | | | | | |
|---------------------------|-------------|---------------------------|-----------------------|----------------------|------------------------|
| Catalog Number: | 66174-1-PBS | GenBank Accession Number: | BC028059 | Purification Method: | Protein A purification |
| Size: | 1mg/ml | GeneID (NCBI): | 7177 | CloneNo.: | 6A10G1 |
| Source: | Mouse | UNIPROT ID: | Q15661 | | |
| Isotype: | IgG1 | Full Name: | tryptase alpha/beta 1 | | |
| Immunogen Catalog Number: | AG4167 | Calculated MW: | 275 aa, 31 kDa | | |
| | | Observed MW: | 31 kDa | | |

Applications

Tested Applications:
WB, IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

TPSAB1(Tryptase alpha/beta-1) is also named as TPS1, TPS2, TPSB1 and belongs to the peptidase S1 family. It is the major neutral protease present in mast cells and secreted upon the coupled activation-degranulation response of this cell type. TPSAB1 has 2 isoforms produced by alternative splicing with the molecular weight of 31 kDa and 29 kDa. This full length protein has two glycosylation sites.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

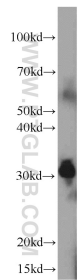
T: 4006900926

E: Proteintech-CN@ptglab.com

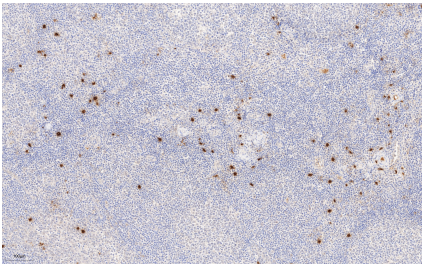
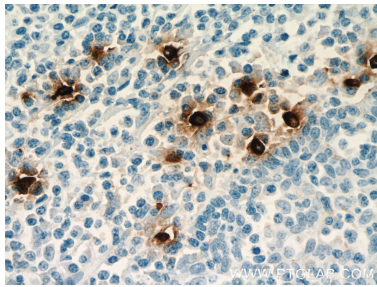
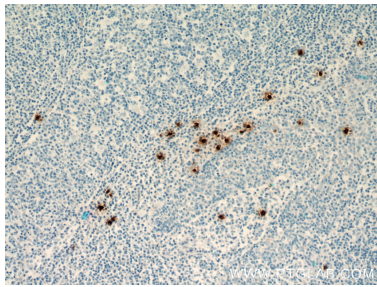
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

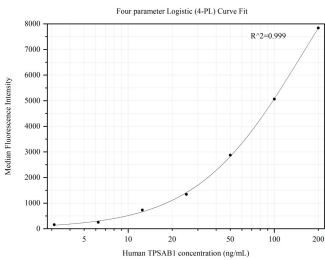
Selected Validation Data



human kidney tissue were subjected to SDS PAGE followed by western blot with 66174-1-Ig (TPSAB1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66174-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66174-1-Ig (TPSAB1 antibody) at dilution of 1:20000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66174-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50385-1, TPSAB1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66174-1-PBS. Detection antibody: 66174-2-PBS. Standard:Ag4167. Range: 3.125-200 ng/mL.