

Product Data Sheet

Purified anti-Mast Cell Protease-11

Catalog # / Size: 647101 / 25 µg
647102 / 100 µg

Clone: TUG11

Isotype: Rat IgG2b

Immunogen: Recombinant GST-mMCP-11 fusion protein expressed in *E. coli*

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. For Western blotting, the suggested use of this reagent is 1.0- 2.0 µg per ml. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Ugajin T, *et al.* 2009. *J Leuoc Biol* 86:1417.

Description: Trypsases and chymases are the major proteins stored and secreted by mast cells. However, mast cells maturing from different tissues can vary widely in the types and amounts of those enzymes expressed. MCP-11 is preferentially expressed in the bone marrow and spleen among normal tissues in contrast to other mast cell tryptases. In vivo, mMCP-11 is highly expressed by primary basophils and in basophils infiltrating allergic tissues. It is expressed at much lower level in mast cells.

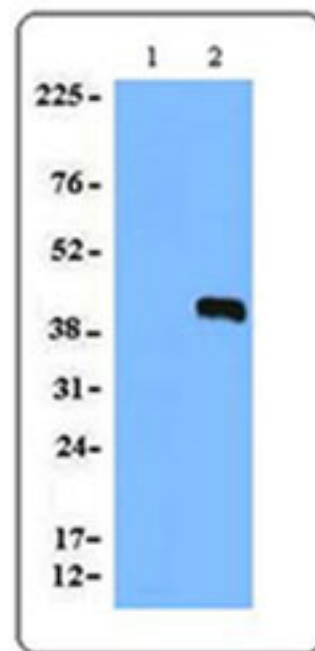
Antigen References: 1. Wong GW, *et al.* 2004 *J. Biol. Chem.* 279:2438
2. Ugajin T, *et al.* 2009. *J Leuoc Biol* 86:

Related Products:

Product
HRP Goat anti-rat IgG (minimal x-reactivity)

Clone
Poly4054

Application
ELISA, IF, IHC, WB



Cell extracts from untransfected NIH/3T3 cells (lane 1) or NIH/3T3 cells transfected with a plasmid encoding mMCP-11-Flag tagged protein (lane 2), using anti-mMCP-11, clone TUG11.



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