

Product datasheet for TA807348M

OriGene Technologies, Inc.

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PR3 (PRTN3) Mouse Monoclonal Antibody [Clone ID: OTI9C2]

Product data:

Product Type: Primary Antibodies

Clone Name: OTI9C2
Applications: IHC, WB

Recommended Dilution: WB 1:500, IHC 1:2000

Reactivity: Human
Host: Mouse
Isotype: IgG2a

Clonality: Monoclonal

Immunogen: Human recombinant protein fragment corresponding to amino acids 28-248 of human

PRTN3(NP_002768) produced in E.coli.

Formulation: PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Concentration: 1 mg/ml

Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 27.6 kDa

Gene Name: proteinase 3

Database Link: NP 002768

Entrez Gene 5657 Human

P24158

Background: Hydrolysis of proteins, including elastin, by preferential cleavage: -Ala-|-Xaa-> -Val-|-Xaa-.

[UniProtKB/Swiss-Prot Function]

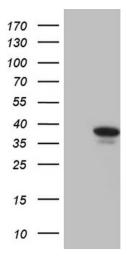
Synonyms: ACPA; AGP7; C-ANCA; CANCA; MBN; MBT; NP-4; NP4; P29; PR-3; PR3

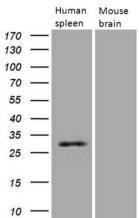
Protein Families: Druggable Genome, Protease





Product images:

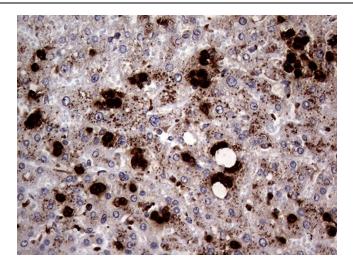




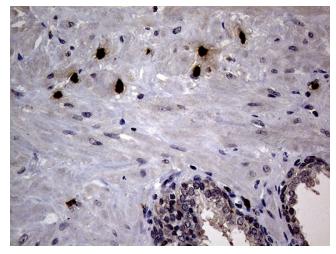
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PRTN3 (Cat# [RC220949], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRTN3 (Cat# [TA807348])(1:500). Positive lysates [LY400985] (100ug) and [LC400985] (20ug) can be purchased separately from OriGene.

Western blot analysis of extracts (15ug) from human spleen tissue lysate and mouse brain tissue lysate by using anti-PRTN3 monoclonal antibody (1:500).

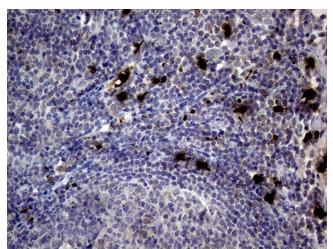




Immunohistochemical staining of paraffinembedded Carcinoma of Human liver tissue using anti-PRTN3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

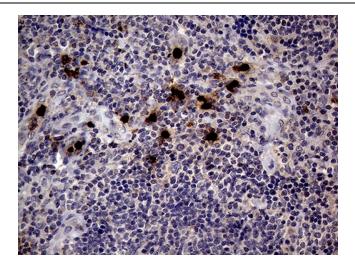


Immunohistochemical staining of paraffinembedded Human prostate tissue within the normal limits using anti-PRTN3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

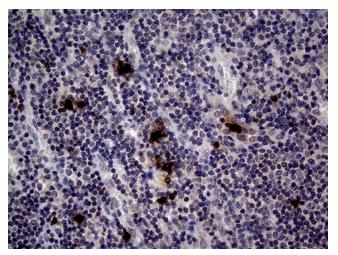


Immunohistochemical staining of paraffinembedded Human lymph node tissue within the normal limits using anti-PRTN3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.





Immunohistochemical staining of paraffinembedded Human lymphoma tissue using anti-PRTN3 mouse monoclonal antibody. Heatinduced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffinembedded Human tonsil within the normal limits using anti-PRTN3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.