

## Product datasheet for **TA807348**

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

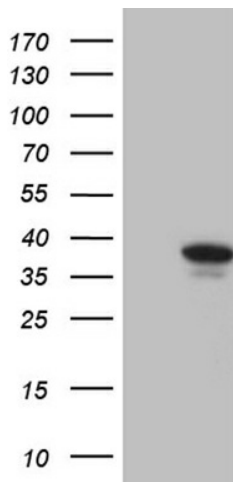
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI9C2
<b>Applications:</b>	IHC, WB
<b>Recommend Dilution:</b>	WB 1:500, IHC 1:2000
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 28-248 of human PRTN3(NP_002768) produced in E.coli.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	27.6 kDa
<b>Gene Name:</b>	proteinase 3
<b>Database Link:</b>	<a href="#">NP_002768 Entrez Gene 5657 Human</a>
<b>Background:</b>	Hydrolysis of proteins, including elastin, by preferential cleavage: -Ala- -Xaa- > -Val- -Xaa-. [UniProtKB/Swiss-Prot Function]
<b>Synonyms:</b>	ACPA; AGP7; C-ANCA; CANCA; MBN; MBT; NP-4; NP4; P29; PR-3; PR3
<b>Protein Families:</b>	Druggable Genome, Protease

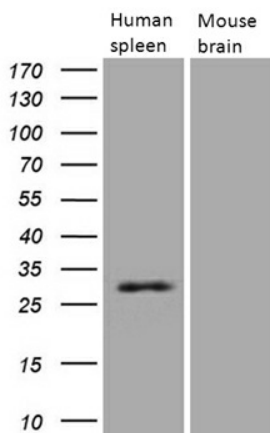


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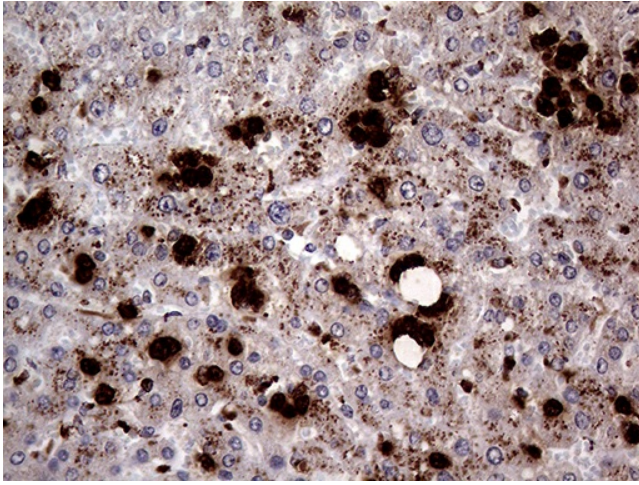
## Product images:



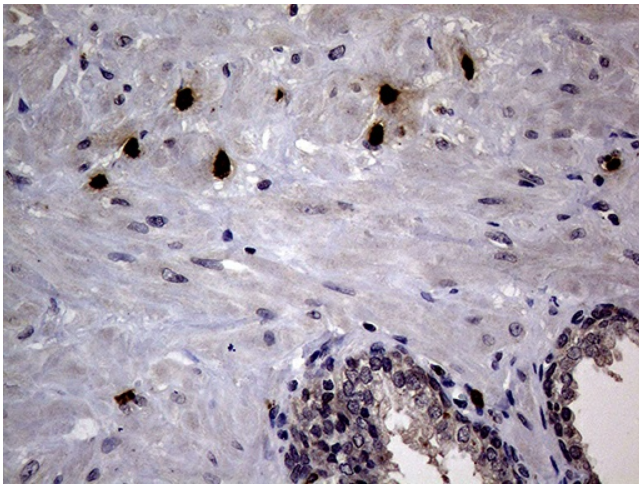
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRTN3 ([RC220949], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRTN3 (1:500). Positive lysates [LY400985] (100ug)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



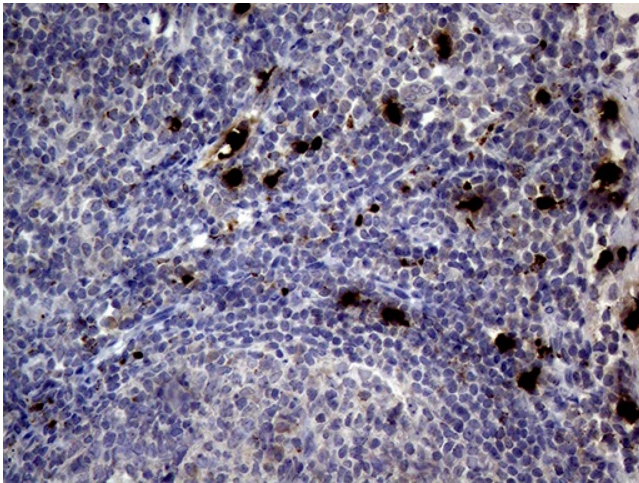
Western blot analysis of extracts (15ug) from human spleen tissue lysate and mouse brain tissue lysate by using anti-PRTN3 monoclonal antibody (1:500).



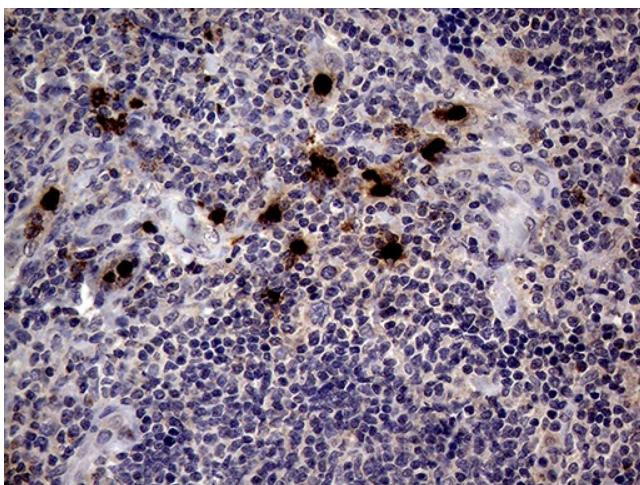
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-PRTN3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807348) (1:2000)



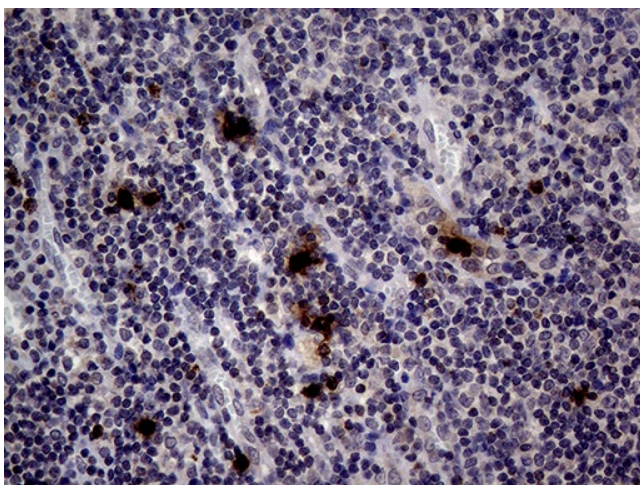
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PRTN3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807348) (1:2000)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-PRTN3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807348) (1:2000)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-PRTN3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807348) (1:2000)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-PRTN3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807348) (1:2000)