

32-5983: Mouse Anti Human HTRA2(Clone:P1B3AT.)

Clonality :	Monoclonal
Clone Name :	P1B3AT.
Application :	ELISA,WB
Gene :	HTRA2
Gene ID :	27429
Uniprot ID :	O43464
Format :	Purified
Alternative Name :	Serine protease HTRA2 mitochondrial,EC 3.4.21.108,High temperature requirement protein A2,HtrA2,Omi stress-regulated endoprotease,Serine proteinase OMI,Serine protease 25,OMI,PARK13,PRSS25.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human HTRA2 mAb is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human HTRA2 amino acids 134-458 purified from E. coli.

Description

HtrA2 also called Omi is a mammalian serine protease at high temperatures and has a chaperone activity at low temperature. The full-length HtrA2 is synthesized as a precursor protein and then targeted to the mitochondria where it is matured by the removal of N-terminal 133 residues. Mature HtrA2 consists of a putative transmembrane domain; an inhibitor of apoptosis protein (IAP)-binding motif; a single C-terminal PDZ domain that mediates protein-protein interactions. Recently, HtrA2 has known to contribute both to caspase-dependent and caspase-independent cell death.

Product Info

Amount :	20 µg
Purification :	HTRA2 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

HTRA2 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 2,000. Recommended starting dilution is 1:1,000.