Product Name: HtrA2 (8G11) Mouse Monoclonal Antibody
Catalog #: AMM03672

Summary

Production Name	HtrA2 (8G11) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	HTRA2
Alternative Names	High temperature requirement protein A2; HTRA 2; HtrA like serine protease; HtrA serine peptidase 2; HtrA; E. coli; homolog of; 2; HtrA2; HTRA2_HUMAN; mitochondrial; Omi stress regulated endoprotease; Omi stress-regulated endoprotease; PARK 13; PARK13; Protease serine 25; PRSS 25; PRSS25; Serine protease 25; Serine protease HTRA2; Serine protease HTRA2 mitochondrial; Serine protease htra2 mitochondrial precursor; Serine protease omi; Serine proteinase OMI.
Gene ID	27429
SwissProt ID	O43464.

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Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 49 kDa; Observed MW: 37 kDa

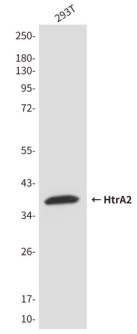
Background

High temperature requirement protein A2 (HtrA2)/Omi is a serine protease with homology to the E. coli HtrA protein (DegP) and is thought to be involved in apoptosis and stress-induced degradation of misfolded proteins. While HtrA2 was orignally identified to be present in either the nucleus or endoplasmic reticulum, subsequent studies have shown that it localizes in mitochondria and is released during apoptosis.

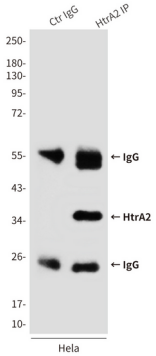
Research Area

Neuroscience

Image Data



Western blot analysis of HtrA2/Omi in 293T lysates using HtrA2/Omi antibody.



Immunoprecipitation analysis of HtrA2 (8G11) in Hela lysates using HtrA2/Omi antibody.

Note

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