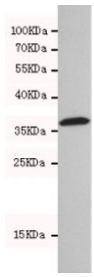
HtrA2 Antibody [clone 8G11-4B8-4F10-G5] (F54031)

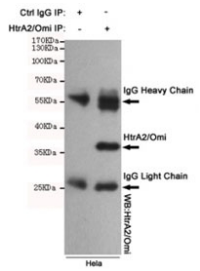
Catalog No.	Formulation	Size
F54031-0.1ML	In PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	8G11-4B8-4F10-G5
Purity	Protein G affinity
UniProt	O43464
Applications	Western blot: 1:500 Immunoprecipitation: suitable
Limitations	This HtrA2 antibody is available for research use only.



Western blot testing of human 293T cell lysate with HtrA2 antibody at 1:500. Predicted molecular weight: 38-49 kDa.



Immunoprecipitation of HtrA2 from HeLa cell lysate using the HtrA2 antibody.

Description

Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. Promotes or induces cell death either by direct binding to and inhibition of BIRC proteins (also called inhibitor of apoptosis proteins, IAPs), leading to an increase in caspase activity, or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism. Cleaves THAP5 and promotes its degradation during apoptosis. Isoform 2 seems to be proteolytically inactive. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the HtrA2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human recombinant protein was used as the immunogen for this HtrA2 antibody.

Storage

Store the HtrA2 antibody at -20oC.

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