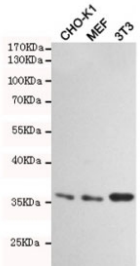
HtrA2 Antibody [clone 1H8-C12-F8] (F54030)

Catalog No.	Formulation	Size
F54030-0.1ML	In PBS with 50% glycerol and 0.02% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Hamster
Predicted Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	1H8-C12-F8
Purity	Protein G affinity
UniProt	O43464
Applications	Western Blot : 1:1000
Limitations	This HtrA antibody is available for research use only.



Western blot testing of hamster CHO-K1, mouse MEF and mouse NIH3T3 cell lysates using HtrA2 antibody at 1:1000. Predicted molecular weight: 38-49 kDa.

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.