

## Anti-HtrA2 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011401

### Product Information

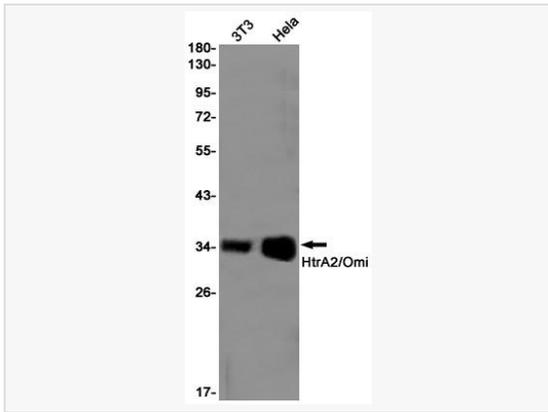
Application	IHC-P/IF (Tissue-P), ICC/IF (Cell), WB, IHC-F/IF (Tissue-F), IP, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	52L82L86
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human HtrA2/Omi
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-HtrA2 antibody [52L82L86] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 49 kDa; Observed MW: 36 kDa
Uniprot ID	O43464
Gene ID	27429
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 originally 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.

## Validation Images

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Western blot analysis of HtrA2/Omi in 3T3, HeLa lysates using HtrA2 antibody.