

Product name:	HtrA2 Rabbit Monoclonal Antibody
Cat number:	MABN02129
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human HtrA2/Omi
Reactivity:	Human, Mouse
Applications:	WB 1:500-1:1000, IHC 1:50-1:100, ICC/IF 1:50-1:200, IP 1:20-1:50
Molecular Weight:	Calculated MW: 49 kDa; Observed MW: 36 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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.