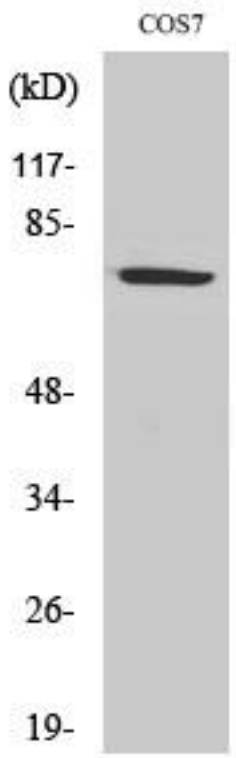
HSP A9 Monoclonal Antibody

Catalog No	YP-mAb-03917
Isotype	IgG
Reactivity	Human;Mouse;Rat;Monkey
Applications	WB
Gene Name	HSPA9
Protein Name	Stress-70 protein mitochondrial
Immunogen	The antiserum was produced against synthesized peptide derived from human GRP75. AA range:630-679
Specificity	HSP A9 Monoclonal Antibody detects endogenous levels of HSP A9 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HSPA9; GRP75; HSPA9B; Stress-70 protein; mitochondrial; 75 kDa glucose-regulated protein; GRP-75; Heat shock 70 kDa protein 9; Mortalin; MOT; Peptide-binding protein 74; PBP74
Observed Band	75kD
Cell Pathway	Mitochondrion . Nucleus, nucleolus .
Tissue Specificity	B-cell,Brain,Cajal-Retzius cell,Colon carcinoma,Fetal brain
Function	function:Implicated in the control of cell proliferation and cellular aging. May also act as a chaperone.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the heat shock protein 70 family.,subunit:Interacts with FXN.,
Background	This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.[provided by RefSeq, May 2010],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using HSP A9 Monoclonal Antibody