

# Immunotag™ HSPA9 Antibody

Antibody Specification	
Catalog No.	ITA6193
Product Description	Immunotag™ HSPA9 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HSPA9
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human HSPA9
Specificity	HSPA9 Antibody detects endogenous levels of total HSPA9
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	HSPA9
Accession No.	P38646

## Antibody Specification

Alternate Names	75 kDa glucose regulated protein; 75 kDa glucose-regulated protein; CSA; Glucose Regulated Protein; Grp 75; GRP-75; GRP75; GRP75_HUMAN; Heat shock 70 kDa protein 9; Heat shock 70kD protein 9; heat shock 70kDa protein 9; Heat shock 70kDa protein 9B; Heat shock protein 74 kDa A; Heat shock protein A; Heat shock protein cognate 74; Hsc74; Hsp74; Hsp74a; HSPA9; Hspa9a; HSPA9B; MGC4500; mitochondrial; Mortalin 2; Mortalin; Mortalin perinuclear; Mortalin2; MOT 2; MOT; MOT2; Mthsp70; p66 mortalin; P66 MOT; PBP74; Peptide binding protein 74; Peptide-binding protein 74; Stress 70 protein mitochondrial; Stress 70 protein mitochondrial precursor; Stress-70 protein;
Description	Chaperone protein which plays an important role in mitochondrial iron-sulfur cluster (ISC) biogenesis. Interacts with and stabilizes ISC cluster assembly proteins FXN, NFU1, NFS1 and ISCU (PubMed:26702583). Regulates erythropoiesis via stabilization of ISC assembly (PubMed:21123823, PubMed:26702583). May play a role in the control of cell proliferation and cellular aging (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	74kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.