



# Anti-HSPA9 monoclonal antibody, clone 5B2 (DCABH-400)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to Grp75
<b>Antigen Description</b>	Implicated in the control of cell proliferation and cellular aging. May also act as a chaperone.
<b>Immunogen</b>	Recombinant Human Grp75 protein expressed in 293T cells (NM_004134).
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Rat, Dog, Human, Monkey
<b>Clone</b>	5B2
<b>Purification</b>	Purified from mouse ascites fluids by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Positive Control</b>	HepG2, HeLa, HT29, A549, COS7, Jurkat, MDCK, PC12 and MCF7 cell lysates, COS7 cells transiently transfected with pCMV6-ENTRY Grp75, HT29 cells, lysate of HEK293T cells transfected with pCMV6-ENTRY Grp75 cDNA.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
<b>Preservative</b>	0.02% Sodium Azide

**Storage** store at -20°C. Avoid freeze / thaw cycles.

**Ship** Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">HSPA9 heat shock 70kDa protein 9 (mortalin) [ Homo sapiens ]</a>
<b>Official Symbol</b>	HSPA9
<b>Synonyms</b>	HSPA9; heat shock 70kDa protein 9 (mortalin); heat shock 70kDa protein 9B (mortalin 2) , HSPA9B; stress-70 protein, mitochondrial; GRP75; mot 2; mthsp75; PBP74; mortalin-2; p66-mortalin; mortalin, perinuclear; heat shock 70kD protein 9B; peptide-binding p
<b>Entrez Gene ID</b>	<a href="#">3313</a>
<b>Protein Refseq</b>	<a href="#">NP_004125</a>
<b>UniProt ID</b>	<a href="#">P38646</a>
<b>Chromosome Location</b>	5q31.1
<b>Pathway</b>	Metabolism of proteins, organism-specific biosystem; Mitochondrial Protein Import, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;
<b>Function</b>	ATP binding; enzyme binding; nucleotide binding; protein binding; unfolded protein binding;