

KD-Validated Anti-Hsp105 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1554

Product Information

Application	WB, FC
Primary Accession	Q92598
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB6190
Calculated MW	96865
Gene Name	HSPH1
Aliases	HSPH1; Heat Shock Protein Family H (Hsp110) Member 1; KIAA0201; NY-CO-25; HSP105B; HSP105A; Heat Shock 105kDa/110kDa Protein 1; Heat Shock Protein 105 KDa; Antigen NY-CO-25; HSP105; Heat Shock 110 KDa Protein; HSP110
Immunogen	A synthesized peptide derived from human Hsp105

Additional Information

Gene ID	10808
Other Names	Heat shock protein 105 kDa, Antigen NY-CO-25, Heat shock 110 kDa protein, Heat shock protein family H member 1, HSPH1, HSP105, HSP110, KIAA0201

Protein Information

Name	HSPH1
Synonyms	HSP105, HSP110, KIAA0201
Function	Acts as a nucleotide-exchange factor (NEF) for chaperone proteins HSPA1A and HSPA1B, promoting the release of ADP from HSPA1A/B thereby triggering client/substrate protein release (PubMed: 24318877). Prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. Inhibits HSPA8/HSC70 ATPase and chaperone activities (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.

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