Human HSP-70/HSPA9 Antibody Pair Set

Catalog No. E-KAB-0190 **Applications** ELISA
Synonyms HSPA9, CSA, GRP-75, GRP75, HSPA9B, MOT, MOT2, MTHSP75, PBP74,HSP70

Kit components & Storage

Title	Specifications	Storage
Human HSP-70/HSPA9 Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Human HSP-70/HSPA9 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0190)	
		Human HSP-70/HSPA9 Capture Antibody	Human HSP-70/HSPA9 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human HSP-70/HSPA9 protein	Recombinant Human HSP-70/HSPA9 protein
	Swissprot	P38646	
Product details	Reactivity	Human	Human
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A & Antigen Affinity	Protein A
	Specificity	Detects Human HSP-70/HSPA9 in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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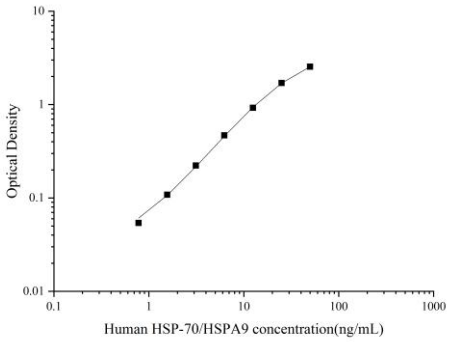
Applications

Human HSP-70/HSPA9 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Human HSP-70/HSPA9 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human HSP-70/HSPA9 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

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.

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