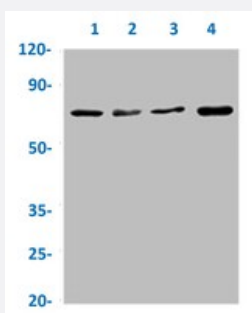


RecomAb™

HSPA8 recombinant monoclonal antibody, clone 3G10

Catalog # RAB04358 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Jurkat whole cell lysate, Lane 2: Colo320 whole cell lysate, Lane 3: U87 whole cell lysate and Lane 4: Raji whole cell lysate with HSPA8 recombinant monoclonal antibody, clone 3G10 (Cat # RAB04358).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HSPA8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human HSPA8.
Theoretical MW (kDa)	Calculated MW: 71, 5
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)

Storage Instruction

Store at -20 °C or -80 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: Jurkat whole cell lysate, Lane 2: Colo320 whole cell lysate, Lane 3: U87 whole cell lysate and Lane 4: Raji whole cell lysate with HSPA8 recombinant monoclonal antibody, clone 3G10 (Cat # RAB04358).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HSPA8

Entrez GeneID[3312](#)**Protein Accession#**[P11142](#)**Gene Name**

HSPA8

Gene Alias

HSC54, HSC70, HSC71, HSP71, HSP73, HSPA10, LAP1, MGC131511, MGC29929, NIP71

Gene Description

heat shock 70kDa protein 8

Omim ID[600816](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product encoded by this gene belongs to the heat shock protein 70 family which contains both heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. This gene encodes a heat-shock cognate protein. This protein binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Two alternatively spliced variants have been characterized to date. [provided by RefSeq]

Other Designations

LPS-associated protein 1|N-myristoyltransferase inhibitor protein 71|constitutive heat shock protein 70|heat shock 70kD protein 8|heat shock 70kd protein 10|heat shock cognate protein 54|heat shock cognate protein, 71-kDa|lipopolysaccharide-associated protein

Pathway

- [Antigen processing and presentation](#)
- [Endocytosis](#)
- [MAPK signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Aneurysm](#)
- [Aortic Aneurysm](#)
- [Asthma](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infant](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Renal Insufficiency](#)
- [Werner syndrome](#)