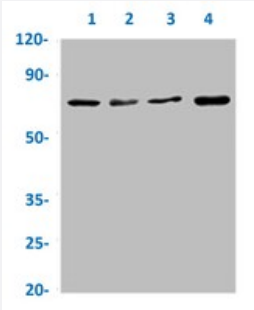
RecomAb™ Sm Size

HSPA8 recombinant monoclonal antibody, clone 3G10

Catalog # RAB08213 Size 50 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.

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
Preparation Method	Mammalian cell (HEK293) expression system
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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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 shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- 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.

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 bot h 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 polypept ides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coat ed vesicles during transport of membrane components through the cell. Two alternatively spliced v ariants have been characterized to date. [provided by RefSeq
Other Designations	LPS-associated protein 1|N-myristoyltransferase inhibitor protein 71|constitutive heat shock prote in 70|heat shock 70kD protein 8|heat shock 70kd protein 10|heat shock cognate protein 54|heat s hock cognate protein, 71-kDa|lipopolysaccharide-associated pro

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.