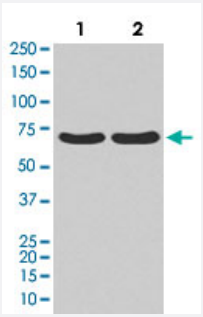
HSPA8 monoclonal antibody, clone DBB-8

Catalog # MAB20178 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) HeLa, (2) C6 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human HSPA8.
Immunogen	A synthetic peptide corresponding to human HSPA8.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:30) Immunoprecipitation (1:20) Immunocytochemistry (1:50-200) Immunofluorescence (1:50-200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Immunoprecipitation
- Western Blot

  Western Blot analysis of (1) HeLa, (2) C6 cell lysate.

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

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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 pro

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

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- Renal Insufficiency
- Werner syndrome

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