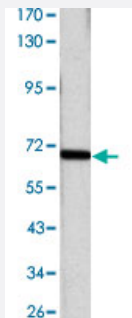


HSPA4 monoclonal antibody, clone 5A6

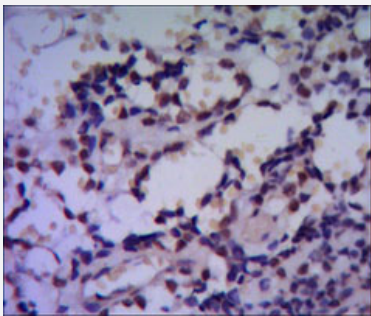
Catalog # MAB10688 Size 100 uL

Applications



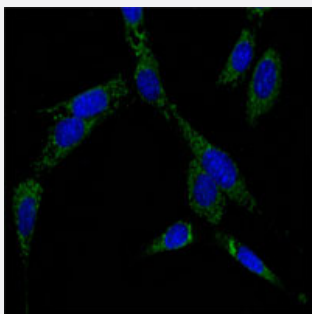
Western Blot (Cell lysate)

Western blot analysis using HSPA4 monoclonal antibody, clone 5A6 (Cat # MAB10688) against HeLa cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast cancer using HSPA4 monoclonal antibody, clone 5A6 (Cat # MAB10688) with DAB staining.



Immunofluorescence

Immunofluorescence analysis of NIH/3T3 cells using HSPA4 monoclonal antibody, clone 5A6 (Cat # MAB10688) (green) . Blue: DRAQ5 fluorescent DNA dye.

Specification

Product Description

Mouse monoclonal antibody raised against partial recombinant HSPA4.

Immunogen

Recombinant protein corresponding to human HSPA4.

Host	Mouse
Theoretical MW (kDa)	70
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunofluorescence (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°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 (Cell lysate)

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Immunohistochemical analysis of paraffin-embedded human breast cancer using HSPA4 monoclonal antibody, clone 5A6 (Cat # MAB10688) with DAB staining.

- Immunofluorescence

Immunofluorescence analysis of NIH/3T3 cells using HSPA4 monoclonal antibody, clone 5A6 (Cat # MAB10688) (green) . Blue: DRAQ5 fluorescent DNA dye.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HSPA4

Entrez GeneID [3308](#)

Gene Name HSPA4

Gene Alias	APG-2, HS24/P52, MGC131852, RY, hsp70, hsp70RY
Gene Description	heat shock 70kDa protein 4
Omim ID	601113
Gene Ontology	Hyperlink
Gene Summary	isoform a heat shock protein
Other Designations	heat shock 70kD protein 4 heat shock 70kDa protein 4, isoform a heat shock protein, 110 kDa

Pathway

- [Antigen processing and presentation](#)

Disease

- [Alzheimer disease](#)
- [Arteriosclerosis](#)
- [Bipolar Disorder](#)
- [Brain Ischemia](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cognition](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Musculoskeletal Diseases](#)

- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Rupture](#)
- [Skin Diseases](#)