

Mouse Heat Shock 70kDa Protein 1A (HSPA1A) Monoclonal Antibody | anti-HSPA1A antibody

Monoclonal Antibody to Heat Shock 70kDa Protein 1A (HSPA1A)

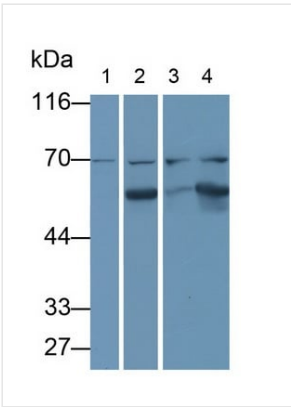
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152851	Mouse	Human, Mouse, Rat, Guinea pig, Dog, Pig, Bovine	Western Blot

PRODUCT SYNONYMS

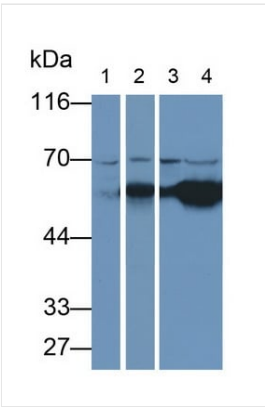
Heat Shock 70kDa Protein 1A (HSPA1A); Monoclonal Antibody; Monoclonal Antibody to Heat Shock 70kDa Protein 1A (HSPA1A); Heat Shock 70kDa Protein 1A; HSP70-1; HSP-A1A; HSPA1; HSP70-2; HSX70; anti-HSPA1A antibody

PRODUCT SPECIFICATIONS

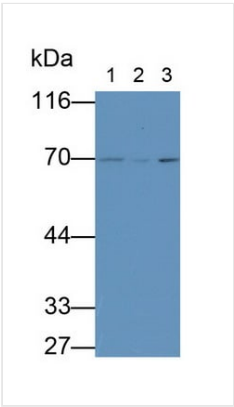
Host	Mouse
Reactivity	Human, Mouse, Rat, Guinea pig, Dog, Pig, Bovine
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C7
Specificity	The antibody is a mouse monoclonal antibody raised against HSPA1A. It has been selected for its ability to recognize HSPA1A in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Asp285~Asp641
Applicable Applications for anti-HSPA1A antibody	WB (Western Blot)
Immunogen	Recombinant Heat Shock 70kDa Protein 1A (HSPA1A)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



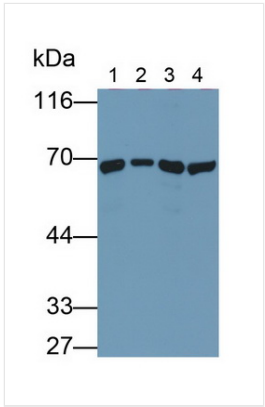
WB (Western Blot)
Western Blot; Sample: Lane1: Canine Liver lysate; Lane2: Canine CerebuM lysate; Lane3: Bovine Liver lysate; Lane4: Bovine CerebuM lysatePrimary Ab: 1ug/ml Mouse Anti-human HSPA1A AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Mouse Liver lysate; Lane2: Mouse CerebuM lysate; Lane3: Cavia Liver lysate; Lane4: Cavia CerebuM lysatePrimary Ab: 1ug/ml Mouse Anti-human HSPA1A AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Rat CerebuM lysate; Lane2: Rat CerebelluM lysate; Lane3: Mouse CerebuM lysatePrimary Ab: 3ug/ml Mouse Anti-human HSPA1A AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Porcine Liver lysate; Lane2: Porcine CerebuM lysate; Lane3: Hela cell lysate; Lane4: Jurkat cell lysatePrimary Ab: 3ug/ml Mouse Anti-human HSPA1A AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSPA1A antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194248072
NCBI GeneID	3303
NCBI Accession #	NP_005336.3
NCBI GenBank Nucleotide #	NM_005345.5
UniProt Accession #	P0DMV8; P19790; Q5JQI4; Q5SP17; Q9UQL9; Q9UQM0; B4E3B6; P08107
Molecular Weight	70,052 Da
NCBI Official Full Name	heat shock 70 kDa protein 1A/1B
NCBI Official Synonym Full Names	heat shock 70kDa protein 1A
NCBI Official Symbol	HSPA1A

NCBI Official Synonym Symbols	HSP72; HSPA1; HSP70I; HSP70-1; HSP70-1A
NCBI Protein Information	heat shock 70 kDa protein 1A/1B; HSP70-1/HSP70-2; heat shock 70kD protein 1A; heat shock-induced protein; heat shock 70 kDa protein 1/2; dnaK-type molecular chaperone HSP70-1
UniProt Protein Name	Heat shock 70 kDa protein 1A
UniProt Gene Name	HSPA1A
UniProt Synonym Gene Names	HSP721 PublicationManual assertion based on opinion iniRef.41; HSP70-12 PublicationsManual assertion based on opinion iniRef.4; HSP70.1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/heat-shock-70kda-protein-1a-hspa1a-antibody-clone-c7-western-blot-elisa/152851>