



Anti-HSPA1A monoclonal antibody, clone 4D7 (CABT-ZC1172)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Monoclonal Antibody to Human, Dog, MonkeyHSPA1A molecule,
Antigen Description	Hsp70 is a human heat shock protein. Hsp70 is an important part of the cell's machinery for protein folding, and help to protect cells from stress. In most species, there are many proteins that belong to the hsp70 family. Some of these are only expressed under stress conditions, while some are present in cells under normal growth conditions and are not heat-inducible. Hsp70 can be found in different cellular compartments (nuclear, cytosolic, mitochondrial, endoplasmic reticulum, etc), and the chaperone function of hsp70 is required for protection against stress-induced apoptosis.
Target	HSPA1A
Immunogen	Full length human recombinant protein of human HSPA1A produced in HEK293T cell.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Dog, Monkey
Clone	4D7
Conjugate	Unconjugated
Applications	ELISA, LMNX
Buffer	Stored in PBS (pH 7.4) containing 0.05% sodium azide and up to 5% trehalose.
Preservative	0.05% Sodium Azide
Storage	Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH7.3) before use. Stable for 12

months from date of receipt. Avoid repeated freeze-thaws.

GENE INFORMATION

Entrez Gene ID	3303
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UniProt ID	A8K5I0
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