

Basic Information

Product Name	Anti-HSC70/HSPA8 Antibody (Clone#OTI1H3)	
Gene Name	HSPA8	
Source	Mouse	
Clonality	Monoclonal	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF	
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Immunogen	Full length human recombinant protein of human HSPA8(NP_006588) produced in HEK293T cell.	
Concentration	500 ug/ml	
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Observed MW	71 kDa	
Dilution Ratios	Western blot (WB): 1:1000 Immunohistochemistry (IHC): 1:150 Immunocytochemistry/Immunofluorescence (ICC/IF):1:100	

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

Selected Validation Data

Product datasheet
Anti-HSC70/HSPA8 Antibody
(Clone#OTI1H3)
Catalog Number: M01024-3

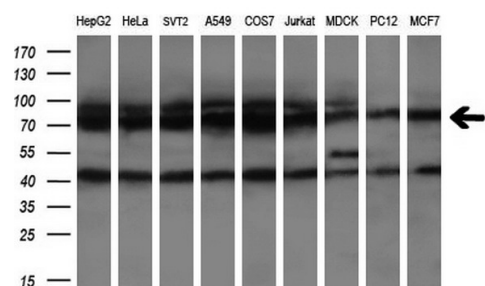


antibody and ELISA experts

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Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-HSPA8 monoclonal antibody at 1:200 dilution. (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human)