

HSP A5 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0740
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human HSP A5 (C-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Bovine
Clonality	Monoclonal
Recommended application	WB, IF, ICC
Concentration	1 mg/ml
Full name	78 kDa glucose-regulated protein
Synonyms	HSPA5; GRP78; 78 kDa glucose-regulated protein; GRP-78; Endoplasmic reticulum luminal Ca(2+)-binding protein grp78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein; BiP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene is a member of the heat shock protein 70 (HSP70) family. It is localized in the lumen of the endoplasmic reticulum (ER), and is involved in the folding and assembly of proteins in the ER. As this protein interacts with many ER proteins, it may play a key role in monitoring protein transport through the cell.

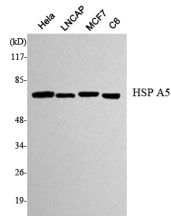
Recommended Dilution

IF: 1:100 - 1:500

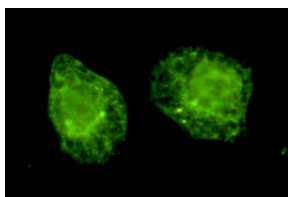
WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using HSP A5 Monoclonal antibody against HeLa, LNCAP, C6, MCF7 cell lysate.



Immunofluorescence analysis of HeLa cells using HSP A5 Monoclonal antibody.

Storage

-20°C for one year

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