Datasheet for ABIN533773

anti-HSPH1 antibody (AA 1-858)

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Overview

Quantity:	100 µL
Target:	HSPH1
Binding Specificity:	AA 1-858
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSPH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant HSPH1.
Immunogen:	Recombinant protein corresponding to amino acids 1-858 of human HSPH1.
Clone:	J1G12
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HSPH1

Target Details

Alternative Name:	Heat shock protein 105 / HSP105 (HSPH1 Products)
Gene ID:	10808

Application Details

Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS, pH 7.4 (10 % glycerol, 0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Saito, Yamagishi, Hatayama: "Different localization of Hsp105 family proteins in mammalian cells." in: **Experimental cell research**, Vol. 313, Issue 17, pp. 3707-17, (2007) (PubMed). Yamagishi, Ishihara, Saito, Hatayama: "Hsp105 family proteins suppress staurosporine-induced apoptosis by inhibiting the translocation of Bax to mitochondria in HeLa cells." in: **Experimental cell research**, Vol. 312, Issue 17, pp. 3215-23, (2006) (PubMed). Wang, Kazim, Repasky, Subjeck: "Characterization of heat shock protein 110 and glucose-regulated protein 170 as cancer vaccines and the effect of fever-range hyperthermia on vaccine activity." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 166, Issue 1, pp. 490-7, (2001) (PubMed).

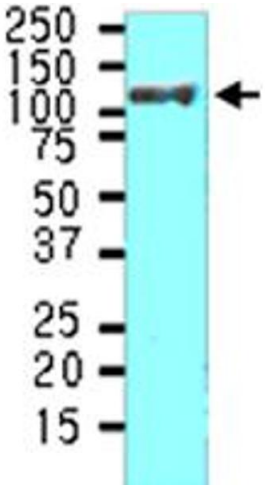

Image 1. Cell lysate of HeLa (30 ug) was resolved by SDS-PAGE and probed with HSPH1 monoclonal antibody, clone J1G12 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.