

Datasheet for ABIN263997

anti-HSPH1 antibody (Isoform alpha, N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mL
Target:	HSPH1
Binding Specificity:	AA 1-858, Isoform alpha, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSPH1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human HSP105 α (1-858 aa) purified from E. coli
Clone:	J1G12
Isotype:	IgG2b
Specificity:	This antibody detects Heat Shock Protein 105 alpha (HSP105a).
Characteristics:	Synonyms: Heat shock 110 kDa protein, Antigen NY-CO-25, HSPH1, HSP-105, HSP110, KIAA0201
Purification:	Protein-G affinity chromatography

Target Details

Target:	HSPH1
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Target Details

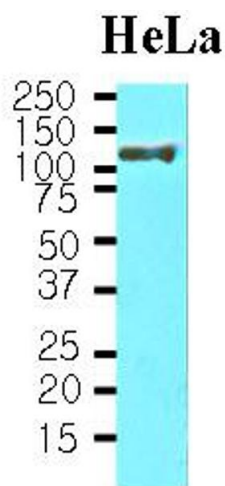
Alternative Name:	Heat Shock Protein 105 / HSP105 (HSPH1 Products)
Background:	<p>Hsp105 is a mammalian member of the HSP105/110 family, a diverged subgroup of the HSP70 family. HSP105 exists as two isoforms, alpha and beta. Hsp105 alpha associates with Hsp70/Hsc70 as complexes in vivo and regulates the chaperone activity of Hsp70/Hsc70 negatively in vitro and in vivo. Hsp105 α is constitutively expressed and also induced by various stress, whereas Hsp105 β, lacking 44 amino acids from Hsp105 α, is specifically expressed during mild heat shock. Although Hsp105 α is shown to localize in the cytoplasm of mammalian cells, cellular localization of Hsp105 β is not known. Synonyms: Antigen NY-CO-25, HSP-105, HSP110, HSPH1, Heat shock 110 kDa protein, KIAA0201</p>
Gene ID:	10808
UniProt:	Q92598

Application Details

Application Notes:	<p>ELISA. Western blot: 1: 500 approx. 1,000 (starting dilution 1: 1000).</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

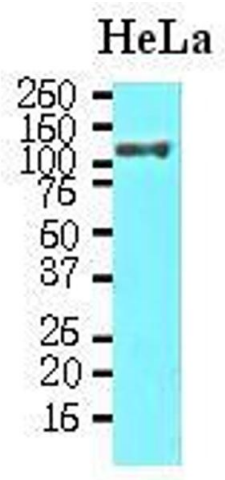
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Phosphate-Buffered Saline (pH 7.4) with 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	<p>This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.</p>
Storage:	4 °C/-20 °C
Storage Comment:	<p>Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>
Expiry Date:	12 months



Western Blotting

Image 1.



Western Blotting

Image 2.