

Datasheet for ABIN7177277
anti-HSPA1B antibody (AA 2-642)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HSPA1B
Binding Specificity:	AA 2-642
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Mouse Heat shock 70 kDa protein 1B protein (2-642AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	HSPA1B
Alternative Name:	Hspa1b (HSPA1B Products)
Background:	Background: In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as

Target Details

well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. Essential for STUB1-mediated ubiquitination and degradation of FOXP3 in regulatory T-cells (Treg) during inflammation.

Aliases: Hspa1b antibody, Hcp70.1 antibody, Hsp70-1 antibody, Hsp70a1 antibody, Hspa1 antibody, Heat shock 70 kDa protein 1B antibody, Heat shock 70 kDa protein 1 antibody, HSP70.1 antibody

UniProt: [P17879](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

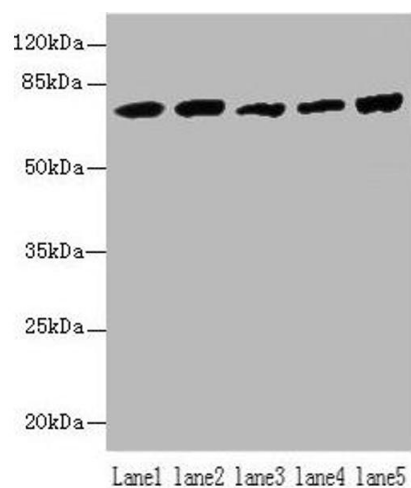
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: Hspa1b antibody at 5 μ g/mL Lane 1: A431 whole cell lysate Lane 2: A549 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 71 kDa Observed band size: 71 kDa