

Datasheet for ABIN7177496  
**anti-HSPA1B antibody (AA 2-642) (HRP)**



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## Overview

Quantity:	100 µg
Target:	HSPA1B
Binding Specificity:	AA 2-642
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA1B antibody is conjugated to HRP
Application:	ELISA

## Product Details

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

## Target Details

Target:	HSPA1B
Alternative Name:	Hspa1b ( <a href="#">HSPA1B Products</a> )
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: Optimal working dilution should be determined by the investigator.

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.