
HSP-70 Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251757

Unit: 0.1 mg

Description:

HSP-70 (Heat shock 70 kDa protein 1) is a 70-kDa heat shock protein, a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, HSP-70 stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and organelles. Heat shock proteins recognize non-native conformations of other proteins during translation and membrane translocation or following stress-induced damages. HSP-70 is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1.

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, B

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: HSP-70; Heat shock 70 kDa protein 1; HSP70; HSP70.1; HSP70-1/HSP70-2; HSPA1A; HSPA1; HSPA1B

Accession No.: P08107

Antigen: HSP70 isolated form bovine brain.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.