Anti-Hsp70 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012316

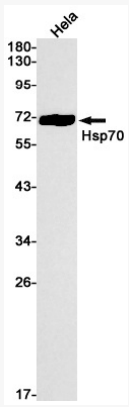
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	55K63M10
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of Hsp70
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-Hsp70 antibody [55K63M10] is for research use only and not for use in diagnostic or therapeutic procedures.

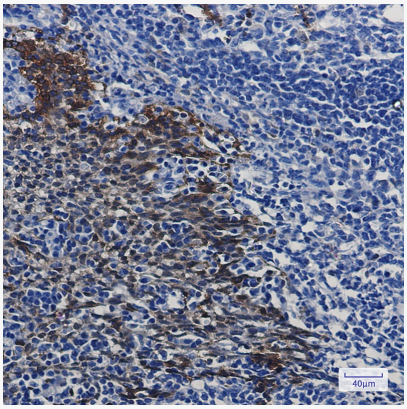
Protein Information

Synonyms	HSP72, HSPA1, HSP70I, HSPA1B, HSP70-1, HSP70-1A.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 70 kDa
Uniprot ID	P0DMV8
Gene ID	3303
Background	In conjuction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

Validation Images



Western blot analysis of Hsp70 in Hela lysates using Hsp70 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Hsp70 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.