Anti-Hsp70 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011765

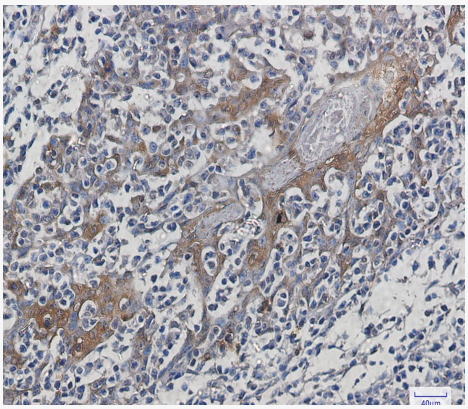
Product Information

Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	22M65K21
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human 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 [22M65K21] is for research use only and not for use in diagnostic or therapeutic procedures.

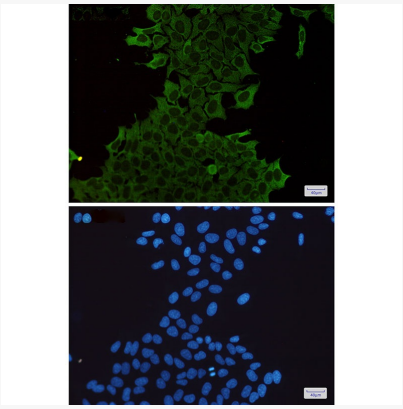
Protein Information

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.

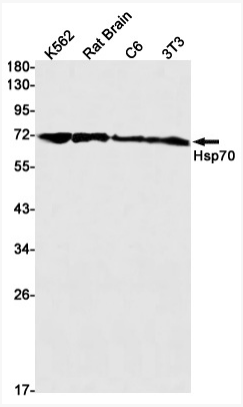
Validation Images



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



Immunocytochemistry analysis of Hsp70(green) in Hela using Hsp70 antibody and DAPI (blue)



Western blot analysis of Hsp70 in K562, rat Brain, C6, 3T3 lysates using Hsp70 antibody.