HSP70 Monoclonal Antibody

catalog number: **E-AB-22005**

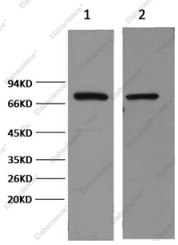
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	Mouse IgG
Clone	5C3
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:1000-2000
IHC	1:50-300
IF	1:100-200

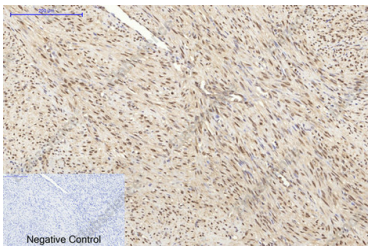
Data



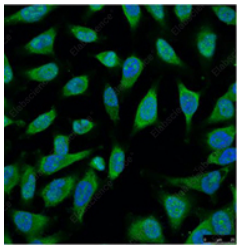
Western Blot analysis of 1) Hela, 2) Mouse brain using HSP70 Monoclonal Antibody at dilution of 1:2000.

Observed-MW:70 kDa

Calculated-MW:70 kDa



Immunohistochemistry of paraffin-embedded Human uterus cancer tissue using HSP70 Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Hela tissue using HSP70 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
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Web: www.elabscience.com
Email: techsupport@elabscience.com

This gene encodes a 70 kDa heat shock protein. In conjunction 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. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70 kDa heat shock protein.

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