

HSP70 Monoclonal Antibody

catalog number: E-AB-22005

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

Description

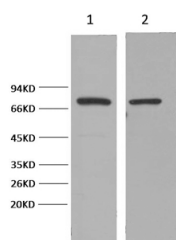
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	5C3
Purification	Protein A purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

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

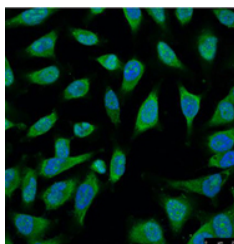
Data



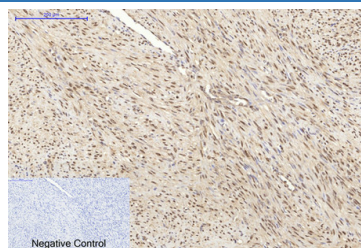
Western Blot analysis of 1) Hela, 2) Mouse brain using HSP70 Monoclonal Antibody at dilution of 1:2000.

Observed-MW:70 kDa

Calculated-MW:70 kDa



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



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

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

For Research Use Only

This gene encodes a 70kDa 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 70kDa heat shock protein.

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