HSP90AB1 (Heat Shock Protein 90) Antibody

Mouse Monoclonal Antibody [Clone HSP90AB1/4970]

Catalog No	Format	Size
3326-MSM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3326-MSM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3326-MSM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

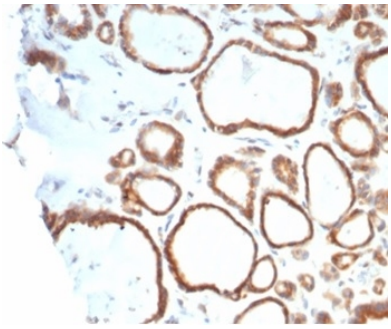
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

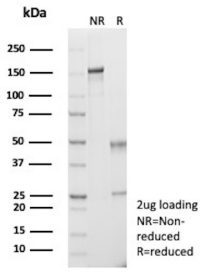
Clone	HSP90AB1/4970
Gene Name	HSP90AB1
Immunogen	Recombinant full-length human HSP90AB1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	~90kDa
Cellular Localization	Cell membrane, Cell surface, Cytoplasm, Dynein axonemal particle, Melanosome, Nucleus, Secreted
Species Reactivity	Canine, Chicken, Human, Mouse, Rabbit, Rat
Positive Control	Human spleen, stomach or pancreas tissue. MCF-7 cells.

**Optimal dilution for a specific application should be determined.*

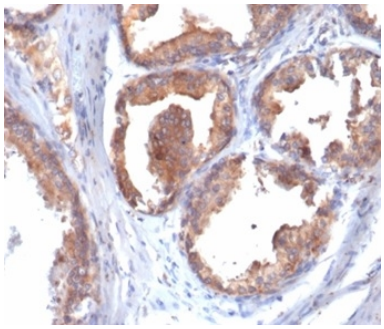
Product Images for HSP90AB1 (Heat Shock Protein 90) Antibody



Formalin-fixed, paraffin-embedded human thyroid stained with HSP90AB1 Mouse Monoclonal Antibody (HSP90AB1/4970). HIER: Tris/EDTA, pH9.0, 45min. 2 °: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified Heat shock protein HSP 90-beta Mouse Monoclonal Antibody (HSP90AB1/4970). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human prostate stained with HSP90AB1 Mouse Monoclonal Antibody (HSP90AB1/4970). HIER: Tris/EDTA, pH9.0, 45min. 2 °: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. ,Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Developmental Biology, Immunology, Infectious Disease, Signal Transduction

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.