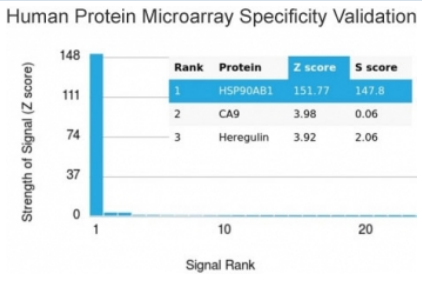
HSP90AB1 Antibody [clone HSP90AB1/3952] (V8606)

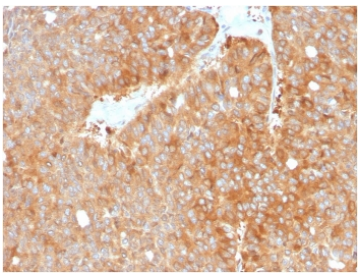
Catalog No.	Formulation	Size
V8606-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8606-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8606SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

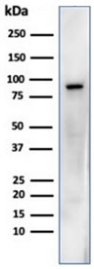
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	HSP90AB1/3952
Purity	Protein G affinity chromatography
UniProt	P08238
Localization	Cytoplasm
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This HSP90AB1 antibody is available for research use only.



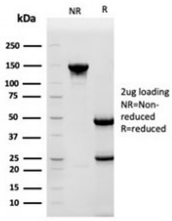
Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using HSP90AB1 antibody. These results demonstrate the foremost specificity of the HSP90AB1/3952 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



IHC staining of FFPE human pancreas with HSP90AB1 antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human MCF7 cell lysate with HSP90AB1 antibody. Expected molecular weight: 84-90 kDa.



SDS-PAGE analysis of purified, BSA-free HSP90AB1 antibody as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the HSP90AB1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 581-704 from the human protein was used as the immunogen for the HSP90AB1 antibody.

Storage

Store the HSP90AB1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).