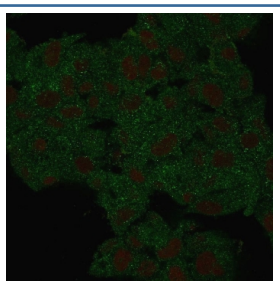
HSP90 beta Antibody / HSP90AB1 [clone HSP90AB1/3955] (V5122)

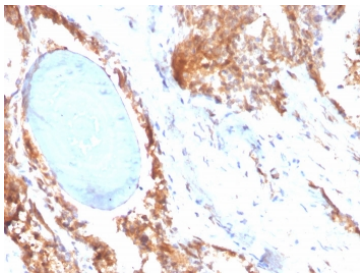
Catalog No.	Formulation	Size
V5122-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5122-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5122SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

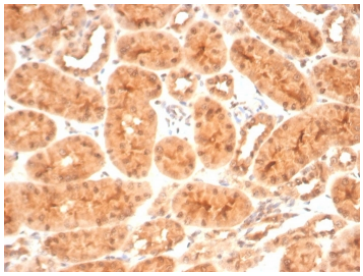
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	HSP90AB1/3955
Purity	Protein A/G affinity
UniProt	P08238
Localization	Cytoplasmic, nuclear
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This HSP90 beta antibody is available for research use only.



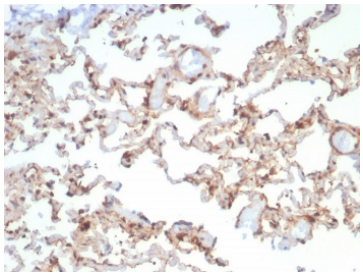
Immunofluorescent staining of PFA-fixed human HeLa cells with HSP90 beta antibody (Green, clone HSP90AB1/3955) and RedDot nuclear stain (Red).



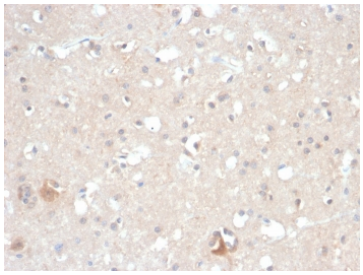
IHC staining of FFPE human prostate tissue with HSP90 beta antibody (clone HSP90AB1/3955). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



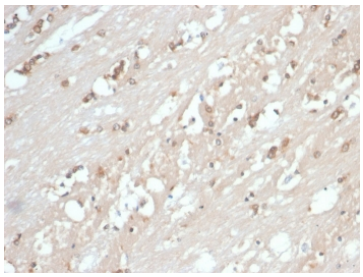
IHC staining of FFPE cat kidney with HSP90 beta antibody (clone HSP90AB1/3955). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



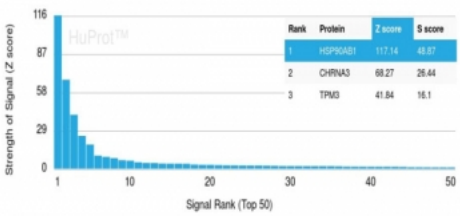
IHC staining of FFPE dog lung with HSP90 beta antibody (clone HSP90AB1/3955). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE horse brain with HSP90 beta antibody (clone HSP90AB1/3955). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE cow brain with HSP90 beta antibody (clone HSP90AB1/3955). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using HSP90 beta antibody (clone HSP90AB1/3955). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (clone mAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) 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 targets on 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-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to specific to its intended target, if the mAb has an S-score of at least 2.5. For example, if a mAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that mAb to protein X is equal to 29.

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.

Researchers studying HSP90 beta and cellular protein folding may also be interested in our HSP90AB1 Antibody / Molecular Chaperone Antibody page, featuring a Protein Microarray Validated mouse monoclonal antibody for highly specific detection of HSP90AB1.

Application Notes

Optimal dilution of the HSP90 beta antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the HSP90 beta antibody.

Storage

Aliquot the HSP90 beta antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.