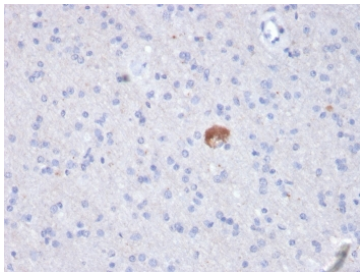
Beta Amyloid Antibody [clone APP/3343] (V8732)

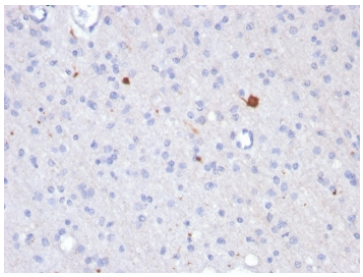
Catalog No.	Formulation	Size
V8732-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8732-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8732SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	APP/3343
Purity	Protein G affinity chromatography
UniProt	P05067
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This Beta Amyloid antibody is available for research use only.



IHC staining of FFPE human brain with Beta Amyloid antibody (clone APP/3343). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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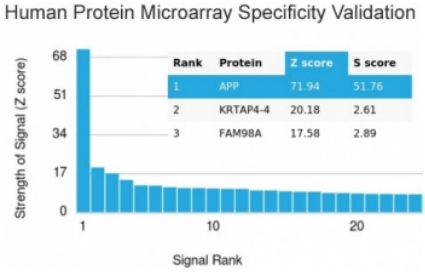
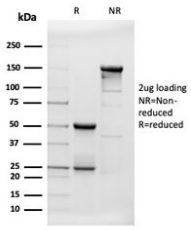


Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Beta Amyloid antibody (clone APP/3343). These results demonstrate the foremost specificity of the APP/3343 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination 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.



SDS-PAGE analysis of purified, BSA-free Beta Amyloid antibody (clone APP/3343) as confirmation of integrity and purity.

Description

Proteolytic cleavage of the Amyloid protein precursor (APP) gives rise to the /A4 Amyloid protein. This protein is involved in the formation of neurofibrillary tangles and plaques that characterize the senile plaques of Alzheimer s patients. APLP1 (Amyloid precursor-like protein 1) and APLP2 are structurally similar to APP. Human APLP2 is a membrane-bound sperm protein that contains a region highly homologous to the transmembrane-cytoplasmic domains of APP found in brain plaques of Alzheimer s disease patients.

Application Notes

Optimal dilution of the Beta Amyloid antibody should be determined by the researcher.

Immunogen

A portion of amino acids 578-680 from the human protein was used as the immunogen for the Beta Amyloid antibody.

Storage

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