

# Product Datasheet

## beta Amyloid Antibody (DE2B4) NB600-698

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB600-698**

beta Amyloid Antibody (DE2B4)

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DE2B4
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	5 kDa

Product Description	
Host	Mouse
Gene ID	351
Gene Symbol	APP
Species	Human, Monkey
Reactivity Notes	Monkey reactivity reported in scientific literature (PMID: 31467395).
Specificity/Sensitivity	Beta Amyloid antibody (DE2B4) recognizes the human beta amyloid peptide, which is the major protein component of the amyloid cores in neuritic plaques. In immunohistology the antibody detects extracellular amyloid beta with senile plaques and vessel amyloid in Alzheimer's disease brain.
Immunogen	Synthetic peptide, corresponding to amino acids 1-17 of Human beta Amyloid.

Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot (Negative)
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen, Western Blot (Negative)
Application Notes	IHC-P: This product requires protein digestion pre-treatment of paraffin sections using formic acid for 2-3 minutes before commencing with IHC staining protocol. In immunohistology the antibody detects extracellular amyloid beta with senile plaques and vessel amyloid in Alzheimer's disease brain. Use in Immunohistochemistry-Frozen reported in scientific literature (PMID:31467395).

**Publications**

Kam JH, Weinrich TW, Shinhmar H, et al Fundamental differences in patterns of retinal ageing between primates and mice. Sci Rep. 2019-08-29 [PMID: 31467395] (IHC-Fr, Monkey)

Details:

Ocular tissues were acquired from a large long established colony of Macaca fascicularis maintained Public Health England.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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