Datasheet for ABIN2690478

anti-Abeta 1-40 antibody

3 Images

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Overview

Quantity:	100 µg
Target:	Abeta 1-40
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Abeta 1-40 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA

Product Details

Clone:	280F2
Isotype:	IgG2a
Purification:	purfied IgG

Target Details

Target:	Abeta 1-40
Alternative Name:	Abeta 40 (Abeta 1-40 Products)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator. This product is not tested in IP yet. This product is not tested in ICC yet.

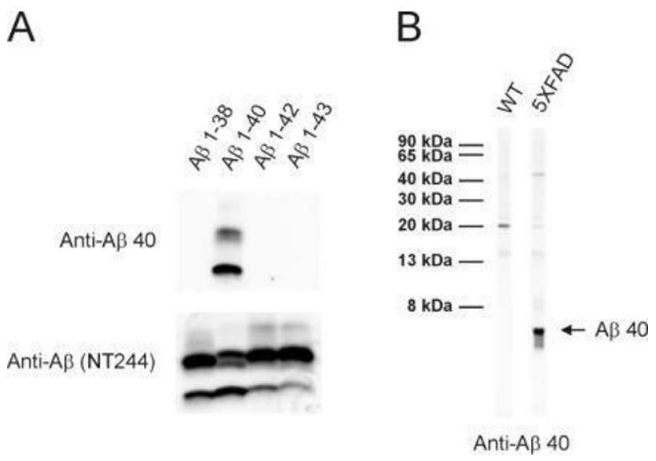
Application Details

Restrictions:	For Research Use only

Handling

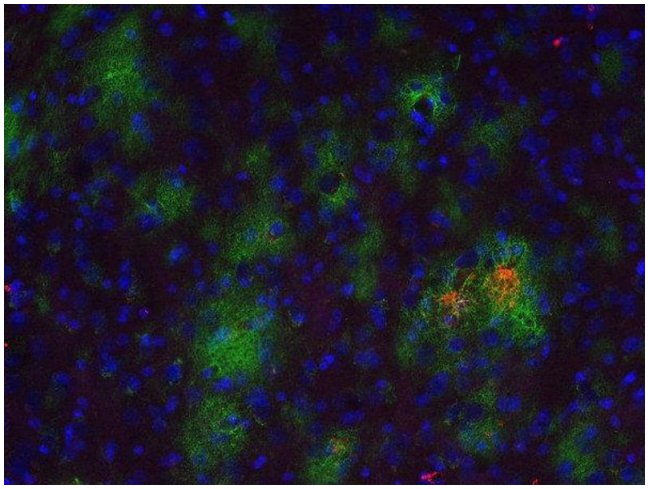
Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL H2O, then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus loose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

Images



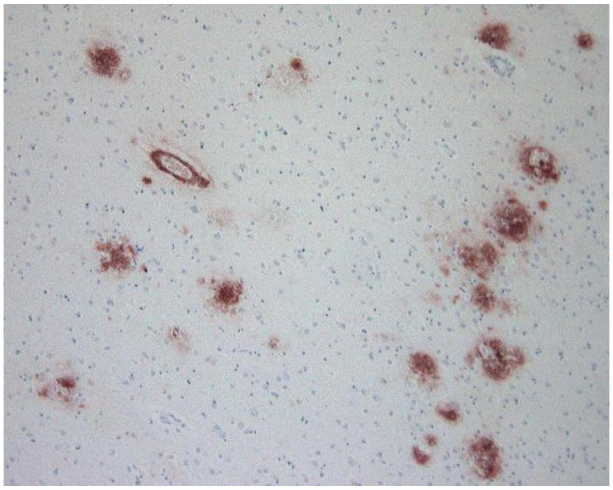
Western Blotting

Image 1. A: ECL detection of different synthetic Abeta species with anti-Abeta 40 (dilution 1 : 1000) and a monoclonal anti-Abeta antibody (clone NT244, cat. no. 218 211). B: Detection of Abeta 1-40 in wild type and 5XFAD mouse cortex lysates (dilution 1 : 1000).



Immunohistochemistry

Image 2. Indirect immunostaining of a PFA fixed formic acid treated brain section from a triple transgenic Alzheimer´s disease mouse with anti-Abeta 40 (dilution 1 : 500; red) and rabbit anti-Abeta (cat. no. 218 103, dilution 1 : 500; green). Nuclei have been visualized by DAPI staining (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Indirect immunostaining of a PFA fixed, formic acid treated paraffin embedded cortex section from a sporadic Alzheimer´s disease patient (dilution 1 : 500). Immunoreactivity was revealed using diaminobenzidine as chromagen. Nuclei were counterstained with haematoxylin (blue).

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