

PRODUCT DATA SHEET

Mouse (monoclonal) Anti-AB40-Antibody- Biotin-Conjugate



Form:	Antibody-Biotin-Conjugate in stabilizing solution without azide made from immunoglobulin purified from cell culture supernatant by Protein G affinity chromatography
Packaging	100 µl or 500 µl
Clone:	G2-10
Isotype:	IgG2b, κ selective for C-terminal of AB1-40
Application:	ELISA, Western Blot; Dilution 1:2000-1:5000; the suggested working dilution shall be determined for each specific application
Storage:	Store at 2-8 °C, do <u>not</u> freeze to prevent denaturing the antibody; for longer storage the addition of preservers, e.g. azide, may be necessary (Notice: Azide inhibits peroxidase activity!)
Selectivity:	Antibody reacts with human Amyloid peptide, reactive to amino acid residue 31-40 (Epitop Mapping) no significant cross-reactivity to Amyloid peptides AB1-38, AB1-39, AB1-42, AB1-43 or AB1-44 has been observed by ELISA resp. BIACORE
References:	Ida N., Hartmann T., Pantel J., Schröder J., Zeffass R., Förstl H., Sandbrink R., Masters C.L., Beyreuther K., Analysis of Heterogeneous BA4 Peptides in Human Cerebrospinal Fluid and Blood by a Newly Developed Sensitive Western Blot Assay, J. BIOL.CHEM. 271 (37): 22908-22914, 1996. Jensen M., Hartmann T., Engvall B., Wang R., Uljon S.N., Sennvik K., Näslund J., Muehlhauser F., Nordstedt C., Beyreuther K., Lannfelt L., Quantification of Alzheimer Amyloid β Peptides Ending at residues 40 and 42 by Novel ELISA Systems, Mol. Med. (6): 291-302, 2000.

Handling precautions: For research use only!