

PRODUCT DATA SHEET

Mouse (monoclonal) Anti A β 42-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 μ l or 500 μ l
Clone:	G2-13
Isotype:	IgG1, κ selective for C-terminal of A β 1-42
Application:	ELISA, Western Blot; Dilution 1:600-1:2000; 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, no significant cross-reactivity to Amyloid peptides A β 1-38, A β 1-39, A β 1-40, low cross reactivity to A β 1-43 (10 %) or A β 1-44 (13 %) has been observed by ELISA resp. BIACORE
References:	Ida N., Hartmann T., Pantel J., Schröder J., Zerfass 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!

the genetics company, inc.,
wagistr. 27, 8952 schlieren, switzerland
tel.: +41-44-200 2200, fax: +41-44-200 2211
e-mail: diagnostics@the-genetics.com
www.the-genetics.com