

PRODUCT DATA SHEET

Mouse (monoclonal) Anti A β 42-Antibody



Antibody:	immunoglobulin in PBS buffer, 0.09 % azide purified from cell culture supernatant by protein G affinity chromatography
Packaging	25 μ g, 100 μ g, or 1000 μ g
Clone:	G2-13
Isotype:	IgG1, κ selective for C-terminal of A β 1-42
Application:	ELISA, Western Blot, the suggested working solution shall be determined for each specific application
Storage:	store at ≤ -20 °C, avoid repeated freeze-thaw cycles to prevent denaturing of the antibody
Selectivity:	antibody reacts with human A β -peptide, no significant cross-reactivity of 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, 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!