

## PRODUCT DATA SHEET

### Mouse (monoclonal) Anti A $\beta$ 42-Antibody- Peroxidase-Conjugate



Form:	Antibody-Peroxidase-conjugate (Horseradishperoxidase) in stabilizing solution made from immunoglobulin purified from cell culture supernatant by Protein G affinity chromatography
Packaging	100 $\mu$ l or 500 $\mu$ l
Clone:	G2-13
Isotype:	IgG1, $\kappa$ selective for C-terminal of A $\beta$ 1-42
Application:	ELISA, Western Blot; Dilution 1:1000; the suggested working dilution shall be determined for each specific application
Storage:	Store at 2 to 8 °C for short usage within 2 month, for longer storage store at $\leq -20$ °C, avoid repeated freeze-thaw cycles to prevent denaturing the antibody
Selectivity:	Antibody reacts with human Amyloid peptide, no significant cross-reactivity to amyloid peptides A $\beta$ 1-38, A $\beta$ 1-39, A $\beta$ 1-40, low cross reactivity to A $\beta$ 1-43 (10 %) or A $\beta$ 1-44 (13 %) has been observed by ELISA resp. BIACORE
References:	<p>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.</p> <p>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 <math>\beta</math> Peptides Ending at residues 40 and 42 by Novel ELISA Systems, Mol. Med. (6): 291-302, 2000.</p>

**Handling precautions: For research use only!**