# Beta-Amyloid Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | beta-Amyloid, Polyclonal Antibody |
| **Full Product Name** | beta-Amyloid Peptide-PE |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservatives added. Labeled with R-Phycoerythrin (PE). |
| **Purity/Purification** | Purified by Immunoaffinity chromatography. |
| **Specificity** | Specific for the 4-5kD human b-Amyloid peptide derived by cleavage from the b-Amyloid precursor protein. Reactivity has been confirmed by Western Blot using a synthetic b-Amyloid peptide (1-40), by immunohistochemistry on Alzheimer's diseased human brain sections and by immunoprecipitation of 35S-methionine labeled b-Amyloid peptide secreted by transfected culture cells. |
| **Preparation and Storage** | May be stored at 4 degree C for short-term only. For long-term storage and to avoid repeated freezing and thawing, add sterile glycerol (40-50%), aliquot and store at -20 degree C. Aliquots are stable for at least 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer. |
| **Immunogen** | A 30 amino acid synthetic peptide derived from the full length (1-43 amino acid) b-Amyloid peptide. |
| **Conjugate** | PE |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-beta-Amyloid antibody** | Antibodies; Amyloid |
| **Applications Tested/Suitable for anti-beta-Amyloid antibody** | Immunohistochemistry (IHC), ELISA (EIA), Immunoprecipitation (IP), Western Blot (WB), Western Blot (WB) |
| **Application Notes for anti-beta-Amyloid antibody** | IHC: 5ug/ml<br>ELISA: 0.1-1ug/ml<br>IP: 5-10ug; For immunoprecipitation of b-Amyloid peptide from cultured cells, it is necessary to mix the culture medium with an equal volume of 2X RIPA buffer.<br>WB: 1-3ug/ml<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-beta-Amyloid antibody** | MBS6462909 is an antibody targeting beta-Amyloid. Also known as beta-Amyloid Peptide-PE. Reactive in Human. Host: Rabbit. |
| **Product References and Citations for anti-beta-Amyloid antibody** | 1. Fukuchi, K., et al., Amer. J. Pathol. 153(6): 1687-1693 (1998). |
| **Other Notes** | Small volumes of anti-beta-Amyloid antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for beta-Amyloid. It may not necessarily be applicable to this product.

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| **Protein Family** | Beta-amyloid-like protein |
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