

Anti-Presenilin 2/PSEN2 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PA1358-Fluoro488

About PSEN2

Presenilin-2 is a protein that in humans is encoded by the PSEN2 gene. Kovacs et al. (1996) demonstrated that the expression patterns of PS1 and PS2 in the brain are extremely similar to each other and that messages for both are primarily detectable in neuronal populations. Immunochemical analyses indicated that PS1 and PS2 are similar in size and localize to similar intracellular compartments (endoplasmic reticulum and Golgi complex). Li et al. (1997) demonstrated that wildtype PS1 and PS2 are localized to the nuclear membrane, its associated interphase kinetochores, and the centrosomes. In melanocytic cells PSEN2 gene expression may be regulated by MITF.

Overview

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| Product Name | Anti-Presenilin 2/PSEN2 Antibody Picoband® Fluoro488 Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P49810 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the N-terminus of human Presenilin 2, different from the related mouse and rat sequences by two amino acids. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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