bs-0871R **[Primary Antibody]**

beta Amyloid 31-35 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 351 **SWISS:** P05067

Target: beta Amyloid 31-35

Immunogen: KLH conjugated synthetic peptide of human beta-Amyloid: 31-35/42.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The cerebral and vascular plaques associated with Alzheimer's disease are mainly composed of Amyloid beta peptides. beta Amyloid is derived from cleavage of the Amyloid precursor protein and varies in length from 39 to 43 amino acids. beta Amyloid [1-40], beta Amyloid [1-42], and beta Amyloid [1-43] peptides result from cleavage of Amyloid precursor protein after residues 40, 42, and 43, respectively. The cleavage takes place by gamma-secretase during the last Amyloid precursor protein processing step. beta Amyloid [1-40], beta Amyloid [1-42], and beta Amyloid [1-43] peptides are major constituents of the plaques and tangles that occur in Alzheimer's disease. beta Amyloid antibodies and peptides have been developed as tools for elucidating the biology of Alzheimer's disease.

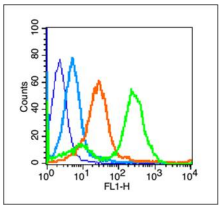
Applications: **Flow-Cyt** (1µg/Test)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Chicken, Dog, GuineaPig, Horse)

Predicted MW.: 4.4 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Blank control (blue line): Mouse Spleen cells (blue). Primary Antibody (green line): Rabbit Anti-beta Amyloid 31-35 antibody (bs-0871R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC Dilution: 1µg /test. Protocol The cells were fixed with 70% methanol (Overnight at 4°C) and then permeabilized with 0.1% Tween for 20 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.