

Anti-Beta-Amyloid 1-16 Polyclonal Antibody 2

Product Details

Ig Type: IgG
Reactivity: Human
Molecular Weight: Theoretical: 4.3/85 kDa.
Purification: Protein A purified

Applications

Blank control (Black line): HUVEc (Black).
Primary Antibody (green line): Rabbit Anti-beta Amyloid 1-16 antibody (TMAB-00219)

Dilution: 1 μ g/ 10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG.

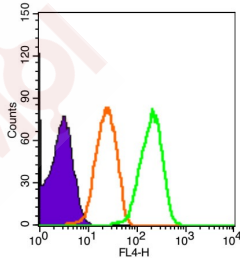
Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE

Dilution: 1 μ g/test.

Verified Activity:

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.



Application: FCM
Recommended FCM: 3ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human beta Amyloid
Antigen Species: Human
Gene ID: 351
Uniprot ID: P05067
Synonyms: Amyloid Precursor; Amyloid Precursor Protein 695; APP695
Biology Area: Regulation, RNA Processing, DNA / RNA binding

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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