

32-6217: Mouse Anti Human Synaptosomal-associated protein 25(Clone:P4E11AT.)

Clonality :	Monoclonal
Clone Name :	P4E11AT.
Application :	ELISA,WB
Gene :	SNAP25
Gene ID :	6616
Uniprot ID :	P60880
Format :	Purified
Alternative Name :	Super-Protein,SUP,RIC4,SEC9,SNAP,RIC-4,SNAP25,SNAP-25,Synaptosomal-associated protein 25,Synaptosomal-associated 25 kDa protein,FLJ23079,bA416N4.2,dJ1068F16.2.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human SNAP25 mAb is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human SNAP25 amino acids 1-206 purified from E. coli.

Description

Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, SNAP25 product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. The synaptosomal-associated protein (SNAP-25) is an essential component of the core complex that mediates presynaptic vesicle trafficking. Thus, SNAP-25 is directly involved in the release of neurotransmitters.

Product Info

Amount :	20 µg
Purification :	SNAP25 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

SNAP25 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 3,000. Recommended starting dilution is 1:2,000.