



Anti-SNAP25 monoclonal antibody, clone 5D7 (DCABH-873)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to SNAP25
Antigen Description	t-SNARE involved in the molecular regulation of neurotransmitter release. May play an important role in the synaptic function of specific neuronal systems. Associates with proteins involved in vesicle docking and membrane fusion. Regulates plasma membrane recycling through its interaction with CENPF.
Immunogen	Recombinant full length Human SNAP25 produced in HEK293 cells (NP_003072).
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5D7
Purification	This antibody was purified from mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt, ICC/IF
Positive Control	HEK293T cell lysate transfected with pCMV-ENTRY SNAP25 cDNA; COS7 cells transiently transfected with pCMV6-ENTRY SNAP25; HEK293T cells transfected with a SNAP25 overexpress plasmid
Format	Liquid
Size	100 µl

Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	SNAP25 synaptosomal-associated protein, 25kDa [Homo sapiens]
Official Symbol	SNAP25
Synonyms	SNAP25; synaptosomal-associated protein, 25kDa; SNAP, synaptosomal associated protein, 25kD; synaptosomal-associated protein 25; bA416N4.2; dJ1068F16.2; resistance to inhibitors of cholinesterase 4 homolog; RIC 4; RIC4; SEC9; SNAP 25; SUP; super protein;
Entrez Gene ID	6616
Protein Refseq	NP_003072
UniProt ID	P60880
Chromosome Location	20p12-p11.2
Pathway	Acetylcholine Neurotransmitter Release Cycle, organism-specific biosystem; BoNT Light Chain Types A, C1, E cleave SNAP-25, organism-specific biosystem; Botulinum neurotoxicity, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Dopamine Neurotransmitter Release Cycle, organism-specific biosystem; Effects of Botulinum toxin, organism-specific biosystem;
Function	SNARE binding; myosin binding; protein N-terminus binding; protein binding; protein domain specific binding; syntaxin-1 binding; voltage-gated potassium channel activity;