



Anti-alpha + beta Synuclein monoclonal antibody, clone FQ2757Z (DCABH-9033)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to alpha + beta Synuclein
Antigen Description	Synucleins are small soluble proteins expressed primarily in neural tissues and in certain tumors. The family includes 3 known proteins, alpha synuclein, beta synuclein and gamma synuclein. All synucleins have in common a highly conserved alpha helical lipid binding motif with similarity to the class A2 lipid binding domains of the exchangeable apolipoproteins. The alpha and beta synuclein proteins are found primarily in brain tissue, where they are seen mainly in pre synaptic terminals. Alpha synuclein is believed to be a major component of Lewy bodies in Parkinson's disease. Mutations in alpha synuclein are associated with rare familial cases of early onset Parkinson's disease, Alzheimer's disease and several other neurodegenerative illnesses.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) corresponding to Human alpha Synuclein aa 1-100 (N terminal).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQ2757Z
Conjugate	Unconjugated
Applications	Flow Cyt, WB, ICC/IF
Positive Control	Fetal brain lysate, PC12 cells.
Format	Liquid

Size	100 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Preservative	0.1% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	SNCB synuclein, beta [Homo sapiens]
Official Symbol	Sncb
Synonyms	SNCB; synuclein, beta; beta-synuclein;
Entrez Gene ID	6620
Protein Refseq	NP_001001502
UniProt ID	Q16143
Chromosome Location	5q35
Function	calcium ion binding; phospholipase inhibitor activity;