



Anti-alpha + beta Synuclein monoclonal antibody, clone Tzo 313 (DCABH-8221)

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

PRODUCT INFORMATION

Product Overview	Mouse 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.
Specificity	This antibody recognises residues 130-140 in alpha and beta synuclein.
Immunogen	This antibody was raised using recombinant alpha and beta synucleins (Human).
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	Tzo 313
Conjugate	Unconjugated
Applications	ICC/IF, IHC-FoFr, WB, IP, IHC-P
Format	Liquid
Size	100 µl

Buffer	Preservative: None.; Constituents: Ascites.
Preservative	None
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;