

## alpha + beta Synuclein Antibody FITC Conjugated

Catalog No: #C01488F

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## Description

Product Name	alpha + beta Synuclein Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human alpha + beta Synuclein
Conjugates	FITC
Target Name	alpha + beta Synuclein
Other Names	Alpha synuclein; Beta synuclein; NACP; Non A beta component of AD amyloid; Non A4 component of amyloid precursor; PARK1; PARK4; Parkinson disease familial 1; PD1; SNCA; SYUA_HUMAN; SNCB; SNCB protein; Synuclein alpha; Synuclein beta; SYUB_HUMAN.
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

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.

Note: This product is for in vitro research use only