

Connexin 43 Antibody FITC Conjugated

Catalog No: #C00375F

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Description

Product Name	Connexin 43 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 232-282 282 derived from human Connexin-43
Conjugates	FITC
Target Name	Connexin 43
Other Names	HSS; CMDR; CX43; GJAL; ODDD; AVSD3; HLHS1; Gap junction alpha-1 protein; Connexin-43; Gap junction 43 kDa heart protein; GJA1
Accession No.	Swiss-Prot#P17302NCBI Gene ID2697
Uniprot	P17302
GeneID	2697;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
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

Flow-Cyt=1:50-200 IF=1:50-200

Background

Gap junction protein that acts as a regulator of bladder capacity. A gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. May play a critical role in the physiology of hearing by participating in the recycling of potassium to the cochlear endolymph. Negative regulator of bladder functional capacity: acts by enhancing intercellular electrical and chemical transmission, thus sensitizing bladder muscles to cholinergic neural stimuli and causing them to contract (By similarity).

Note: This product is for in vitro research use only