G-Biosciences Image not found or type unknown

Immunotag™ Phospho-Connexin 43 (Ser367) Antibody

Antibody Specification

Catalog No.	ITA0970
Product Description	Immunotag™ Phospho-Connexin 43 (Ser367) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Connexin 43 (Ser367)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Connexin 43 around the phosphorylation site of Serine 367
Specificity	Phospho-Connexin 43 (Ser367) Antibody detects endogenous levels of Connexin 43 only when phosphorylated at Serine 367
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GJA1
Accession No.	P17302

Antibody Specification

Alternate Names	Connexin 43; Connexin-43; Cx 43; Cx43; CXA1_HUMAN; DFNB38; Gap junction 43 kDa heart protein; Gap junction alpha-1 protein; Gap junction protein alpha 1 43kDa (connexin 43); Gap junction protein alpha 1 43kDa; Gap junction protein alpha like; GJA 1; Gja1; GJAL; ODD; ODDD; ODOD; SDTY3;
Description	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). May play a role in cell growth inhibition through the regulation of NOV expression and localization. Plays an essential role in gap junction communication in the ventricles (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	43kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.