



Connexin 37 Monoclonal Antibody

Catalog No	YP-mAb-17001
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GJA4
Immunogen	The antiserum was produced against synthesized peptide derived from human GJA4. AA range:81-130
Specificity	Connexin 37 Monoclonal Antibody detects endogenous levels of Connexin 37 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Connexin 37;Connexin-37;Cx37;CXA4_HUMAN;Gap junction alpha 4 protein; Gap junction alpha-4 protein;gap junction protein;alpha 4 37kDa (connexin 37); alpha 4;37kD (connexin 37);37kDa;Gja4;OTTHUMP4181;OTTHUMP4182
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cell membrane; Multi-pass membrane protein. Cell junction, gap junction.
Tissue Specificity	Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium.
Function	function:One 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.,similarity:Belongs to the connexin family.,similarity:Belongs to the connexin family. Alpha-type (group II) subfamily., subunit:A connexon is composed of a hexamer of connexins.,tissue specificity:Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium.,



Background

This gene encodes a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene have been associated with atherosclerosis and a higher risk of myocardial infarction. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

