



Connexin-45 Monoclonal Antibody

Catalog No	YP-mAb-17009
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GJC1
Immunogen	The antiserum was produced against synthesized peptide derived from human Connexin-45. AA range:312-361
Specificity	Connexin-45 Monoclonal Antibody detects endogenous levels of Connexin-45 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-45;Cx45;Gap junction alpha-7 protein;Gap junction gamma-1 protein;GJA7;GJC1
Observed Band	45kD
Calculated Molecular Weight	45kD
Cell Pathway	Cell membrane; Multi-pass membrane protein. Cell junction, gap junction.
Tissue Specificity	Testis,Uterus,
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. Gamma-type subfamily.,subunit:A connexon is composed of a hexamer of connexins.,
Background	This gene is 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. Alternatively spliced transcript variants encoding the same



isoform have been described. [provided by RefSeq, Jul 2008],

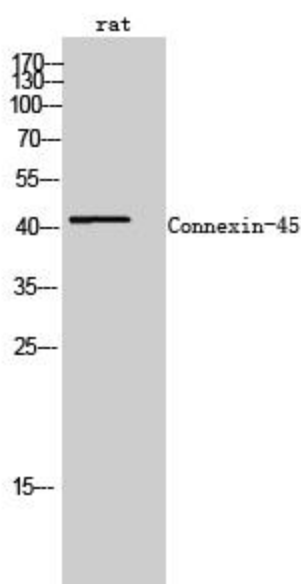
matters needing attention

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



Western Blot analysis of various cells using
Connexin-45 Monoclonal Antibody