

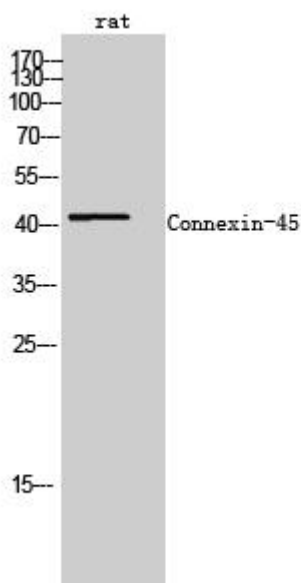


Connexin-45 Monoclonal Antibody

Catalog No	YP-mAb-17009
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GJC1
Protein Name	Gap junction gamma-1 protein
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	GJC1; GJA7; Gap junction gamma-1 protein; Connexin-45; Cx45; Gap junction alpha-7 protein
Observed Band	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