Catalog # MS14618-RTM1
Product Datasheet

Connexin 32 (Gap Junction Protein) Antibody

Rat Monoclonal Antibody [Clone R5.21C]

Catalog No	Format	Size
MS14618-RTM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MS14618-RTM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MS14618-RTM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

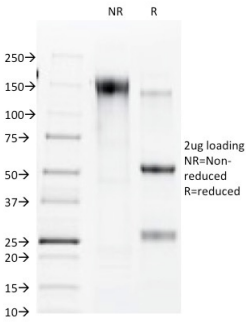
Applications	Tested Dillution	Note

Product Details

Clone	R5.21C
Gene Name	GJB1
Immunogen	Mouse liver DOC-JR-plasma membranes
Host	Rat
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	27-32kDa
Cellular Localization	Cell junction, Cell membrane, Gap junction
Species Reactivity	Mouse, Rat
Positive Control	Kidney, Liver, MCF-7 cells. Pancreas, Stomach or Tonsil.

**Optimal dilution for a specific application should be determined.*

Product Images for Connexin 32 (Gap Junction Protein) Antibody



SDS-PAGE Analysis of Purified Connexin 32 Mouse Monoclonal Antibody (R5.21C). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

This Ab recognizes a protein of 27-32kDa, identified as Connexin 32. The connexin family of proteins forms hexameric complexes called 'connexons' that facilitate movement of low molecular weight proteins between cells via gap junctions. Connexin proteins share a common topology of four transmembrane therefore, one connexin usually cannot fully substitute for another.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.