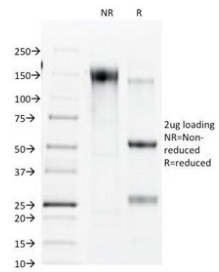
Connexin 32 Antibody / GJB1 [clone R5.21C] (V3305)

Catalog No.	Formulation	Size
V3305-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3305-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3305SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (8)

Bulk quote request

Availability	Discontinued
Species Reactivity	Mouse, Rat
Format	Purified
Clonality	Monoclonal (rat origin)
Isotype	Rat IgG2a, kappa
Clone Name	R5.21C
Purity	Protein G affinity chromatography
UniProt	P28230
Localization	Cell surface, cytoplasmic
Applications	ELISA : 1-5ug/ml for coating (order BSA/sodium azide-free format)
Limitations	This Connexin 32 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free Connexin 32 Antibody (clone R5.21C). Confirmation of Integrity and Purity of the Antibody.

Description

This Ab recognizes a protein of 27-32 kDa, 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 ÃŽÂ±-helical domains, two extracellular loops, a cytoplasmic loop and cytoplasmic N- and C-termini. Many of the key functional differences arise from specific amino-acid substitutions in the most highly conserved domains, the transmembrane and extracellular regions. Each of the approximately 20-connexin isoforms produces channels with distinct permeability and electrical and chemical sensitivities; therefore, one connexin usually cannot fully substitute for another.

Application Notes

Optimal dilution of the Connexin 32 antibody should be determined by the researcher.

Immunogen

Mouse liver DOC-JR-plasma membranes were used as the immunogen for the Connexin 32 antibody.

Storage

Store the Connexin 32 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).