

Product datasheet for **AM20614PU-N**

GJB1 Mouse Monoclonal Antibody [Clone ID: CXN-32]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CXN-32
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 0.5 - 1 µg/ml. Immunohistochemistry on frozen sections: 1 - 2 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic connexin-32 peptide (amino acids 105-123) conjugated to KLH.
Specificity:	This antibody reacts to GJB1 / Cx32.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	gap junction protein beta 1
Database Link:	Entrez Gene 14618 Mouse Entrez Gene 29584 Rat Entrez Gene 2705 Human P08034



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Background:	Connexin32(CX32), also known as GAP junction protein beta-1(GJB1). Connexins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells. CX32 expressed in liver and peripheral nerve. CX32 gene is mapped to Xp11-q13 and is directly regulated by the transcription factor SOX10.
Synonyms:	Gap junction beta-1 protein, Connexin-32
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane