

Rabbit anti-Connexin 30.2

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Catalog Number: 407400

Store at 2 to 8°C (short-term), or -20°C (long-term)

Clonality: Polyclonal
Concentration: 0.25 mg/mL
Quantity: 100 µg
Volume: 400 µL

Host/Class: Rabbit
Reactivity: Mouse

Product Description

Mouse connexin 30.2 (Cx30.2) and its human orthologue, Cx31.9, have been reported to be expressed in vascular smooth muscle cells, brain, and testis. Connexin-30.2 (Cx30.2) contains 278 amino acid residues, and is 79% identical to human Cx31.9 (GJA11). Immunopositive signals for Cx30.2 were found in intercalated discs of the heart as well as in interstitial cells and cells of the seminiferous tubules of the testis. Cx30.2 is highly expressed in the cardiac conduction system and can form functional homotypic as well as heterotypic junctions with all the major cardiac connexins.

Product Specifications

Immunogen: Synthetic peptide derived from the C-terminal region of the mouse connexin 30.2 (Cx30.2) protein
Apparent MW: ~30 kDa
Clone/PAD: ZMD.494
Lot: See product label

Product Applications

Application	Species	Test Material	Concentration
Western Blotting	Mouse	Heart (atrium) homogenates and connexin 30.2-transfected HeLa cell lysates	1–3 µg/mL
Immunofluorescence	Mouse	Frozen heart (atrium)	Working concentration needs to be empirically determined by the user.

Storage and Handling

Store at 2 to 8°C for up to one month. Store at -20°C for long-term storage. Avoid repeated freezing and thawing.

Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

Storage Buffer

Phosphate buffered saline (PBS), pH 7.4, containing 0.1% sodium azide.

Caution: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

Safety Data Sheets (SDS)








Safety Data Sheets (SDSs) are available at www.lifetechnologies.com/support.

Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.lifetechnologies.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

For research use only. Not for use in diagnostic procedures.

Explanation of symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

Limited Use Label License: Research Use Only

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