

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 36-3686: Anti-Connexin 32 (Gap Junction Protein) Monoclonal Antibody(Clone: R5.21C)

Clonality: Monoclonal
Clone Name: R5.21C
Application: ELISA
Reactivity: Mouse, Rat
Gene: Gjb1
Gene ID: 14618
Uniprot ID: P28230

Alternative Name: Charcot Marie Tooth neuropathy X linked; CMTX; CMTX1; Connexin-32; Cx32; GAP junction 28kDa liver protein; Gap junction beta-1 protein; Gap junction protein beta 1 32kD; GJB1

**Isotype:** Rat IgG2a, kappa

**Immunogen Information:** Mouse liver DOC-JR-plasma membranes

## **Description**

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.

## **Product Info**

Amount :  $20 \mu g / 100 \mu g$ 

Content: 200 µg/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 1.0 mg/ml.

**Storage condition :** 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.

## **Application Note**

ELISA (For coating use Ab at 1-5ug/ml, order Ab without BSA);

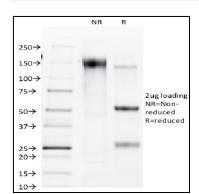


Fig. 1: SDS-PAGE Analysis Purified Connexin 32 Mouse Monoclonal Antibody (R5.21C). Confirmation of Purity and Integrity of Antibody.