



Mouse monoclonal antibody to Connexin-32 (105-123) [CXN-32]: IgG

Catalogue No.: M-978-100

Batch No.: See product label

Unit size: 100 µg

Antigen: A synthetic peptide (MLRLEGHGDPLHLEEVKRH) corresponding to amino acids 105-123 from Connexin 32 conjugated to KLH.

Other Names: GJB1; CX32;

Produced in: Mouse

Purity: IgG

Applications: Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 µg/ml is recommended for WB. The predicted length of human connexin-32 is 283 aa and a MW of 27 kDa. A concentration of 1.0-2.0 µg/ml is recommended to detect connexin-32 in formalin/acetone fixed tissues.

Specificity: The specificity of this antibody has been confirmed by WB and IHC against the antigen.

Cross-reactivity: Human; mouse; rat;

The following species have homologous sequences and are predicted to react with this antibody; chimpanzee, Cynomolgus Monkey, cow, dog, guinea pig, hamster, chinese hamster, horse and sheep.

Form: Lyophilized from 1.2% sodium acetate with 2mg BSA and 0.2mg NaN₃ added as preservative.

Reconstitution: Reconstitute in 1 ml of PBS (pH 7.4) to achieve an antibody concentration of 100 µg/ml. Centrifuge to remove any insoluble material.

Storage: At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.

Expiry Date: 12 months after purchase.

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