

Pannexin-2 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56543 (clone S121A-31)
Size: 100ug in PBS, pH 7.4; 50% glycerol, 0.09% sodium azide. Purified by Protein G affinity chromatography.

BACKGROUND

The Pannexin gene family encodes a class of putative gap junction proteins. Pannexins are highly conserved in invertebrates and mammals. Mammalian Pannexin-1 and Pannexin-3 are closely related, while Pannexin-2 is more distantly related. Pannexin-2 is a transmembrane protein expressed in the central nervous system that is unable to assemble in homomeric channels but forms heteromeric channels with Pannexin-1.

SPECIFICATION SUMMARY

Antigen: Fusion protein corresponding to aa 11-664 (extracellular and cytoplasmic domains) of rat Pannexin-2 (accession no. P60571).

Host Species: Mouse

Antibody Class: IgG1

SPECIFICITY

This antibody recognizes rat Pannexin-2.

APPLICATIONS

Immunoblotting: use at 1ug/ml. Predicted molecular weight is 70kDa.

Positive control: Rat brain lysate.

These are recommended concentrations. User should determine optimal concentrations for their application.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid repeated freezing and thawing.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.