

Ankyrin-B Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56518 (clone S105-13)
Size: 100ug in PBS (1mg/ml), pH 7.4,
50% glycerol, 0.09% sodium azide.
Purified by Protein G affinity
chromatography.

BACKGROUND

Ankyrins are a family of adaptor proteins that mediate the attachment of integral membrane proteins to the spectrin-actin based membrane skeleton. Ankyrins have binding sites for the beta subunit of spectrin and for at least 12 families of integral membrane proteins. This linkage is required to maintain the integrity of the plasma membranes and to anchor specific ion channels, ion exchangers, and ion transporters in the plasma membrane.

SPECIFICATION SUMMARY

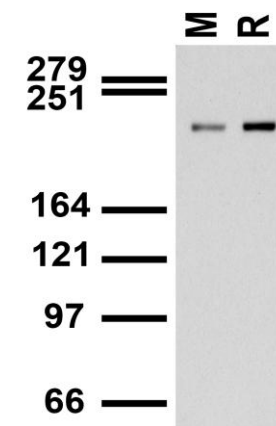
Antigen: Synthetic peptide corresponding to aa 203-496 of human Ankyrin-B (accession no. NP_001120965.1)
Host Species: Mouse
Antibody Class: IgG1

SPECIFICITY

This antibody recognizes human, mouse, and rat Ankyrin-B.

APPLICATIONS

Immunoblotting: use at 1-2ug/ml. A band of >200kDa is detected.



Immunoblot on mouse (M) and rat (R) brain membranes.

Immunohistochemistry: use at 1-5ug/ml. These are recommended concentrations. Enduser should determine optimal concentrations for their applications.
Positive control: rat brain membranes.

DILUTION INSTRUCTIONS

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

STORAGE AND STABILITY

This product is stable for at least 1 year at -20°C. Freeze in multiple aliquots to avoid repeated freeze-thaw cycles.

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