
anti-Ankyrin

Cat #: HM1010
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

APPLICATIONS

Ankyrin is a membrane associated protein that is expressed in a variety of cell types (e.g. red blood cells, lymphocytes, platelets, fibroblasts and endothelial tissues). Ankyrin in red blood cells consists of a single 215Kda which is involved in the attachment of spectrin to the plasma membranes. Ankyrin has been shown to underlie membrane proteins including CD44, the voltage-dependent sodium channel, NA⁺/K⁺ ATPase and the anion exchanger protein. Functional diversity between members of the ankyrin family is generated by the expression of multiple genes as well as alternative splicing of pre-mRNAs. Interaction between ankyrin and other transmembrane proteins are important in many cellular processes.

SPECIFICITY

This antibody reacts with Ankyrin from red blood cells as well as many other cell types of human, rat and mouse origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

Purified human erythroid cell ankyrin.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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5. Bourguignon, L.Y.W. et al, *Int. Rev Cytol*, 87:195-224, 1984.
6. Bourguignon, L.Y.W. et al, *J. Biol. Chem*, 266:11761-11765, 1991

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CONTACT

Hypromatrix, Inc.
100 Barber Avenue
Worcester, MA 01606
USA

Tel: 508-856-7900
Fax: 508-302-0748
Email: contact@hypromatrix.com
Web: www.hypromatrix.com