

AB-NN196-2

Ankyrin-B Antibody

Pan-specific monoclonal antibody (S105-17) for monitoring the expression of human Ankyrin-B



KINEXUS

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Target Protein

Name Long:	Ankyrin-2 (Ankyrin-B)
Alias:	ANK-2, ANK2, Ankyrin 2, Ankyrin-2, Ankyrin nonerythroid, Brain ankyrin, non-erythroid ankyrin, Ankyrin-B
UniProt ID:	Q01484 - Human
Human Predicted Mass (kDa):	433.715 (3957 AA; Q01484-4); 205.795 (1872 AA; Q01484-2); 204.752 (1863 AA; Q01484-5); 63.361 (555 AA; Q01484-7)
Observed SDS-PAGE Mass (kDa):	>200

Immunogen

Antibody Immunogen Source:	Synthetic peptide amino acids 203-496 of human Ankyrin-B
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	54 IgG2A
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-414 was sufficient for detection of Ankyrin-B in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a >200 kDa protein.
Antibody Cross Reactivities:	No cross-reactivity against Ankyrin-G.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987