

# AB-NN195-1

## Ankyrin R Antibody

Pan-specific monoclonal antibody (S388A-10) for monitoring the expression of human Ankyrin R



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Ankyrin-1
<b>Alias:</b>	Ankyrin-R, Ankyrin-1, Erythrocyte Ankyrin, ANK-1, ANK, rCG_43073
<b>UniProt ID:</b>	P16157 - Human
<b>Human Predicted Mass (KDa):</b>	217.479 (1983 AA; P16157-14); 208.886 (1905 AA; P16157-12); 203.405 (1856 AA; P16157-5); 200.915(1834 AA; P16157-8); 197.752(1806 AA; P16157-10); 191.620 (1743 AA; P16157-13); 188.999 (1719 AA; P16157-4); 183.649 (1672 AA; P16157-9); 180.487 (1644 AA; P16157-11); 166.480 (1519 AA; P16157-2); 17.854 (156 AA; P16157-23); 17.615 (155 AA; P16157-17); 15.125 (133 AA; P16157-18); 12.504 (109 AA; P16157-22); 9.342 (81 AA; P16157-19)
<b>Observed SDS-PAGE Mass (KDa):</b>	200

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 1-1881 (full-length) of human Ankyrin-R
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	IgG2B
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	A 1:100 dilution of SMC-487 was sufficient for detection of Ankyrin R in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	In mouse brain lysates, this antibody detects a ~200 kDa protein.
<b>Antibody Specificity:</b>	Very High
<b>Antibody Cross Reactivities:</b>	Does not cross-react with Ankyrin-B or 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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987