

Datasheet for ABIN559868
anti-Erythrocyte Ankyrin antibody (AA 1-155)



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2 Images

Overview

Quantity:	100 µg
Target:	Erythrocyte Ankyrin (ANK1)
Binding Specificity:	AA 1-155
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Erythrocyte Ankyrin antibody is un-conjugated
Application:	ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant ANK1.
Immunogen:	ANK1 (AAH30957, 1 a.a. ~ 155 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MWTFVTQLLV TLVLLSFFLV SCQNVMHIVR GSLCFVLKHI HQELDKELGE SEDLSDEET ISTRVRRRV FLKGNEFQNI PGEQVTEEQF TDEQGNIVTK KIIRKVVRQI DLSSADAAQE HEEVELRGSG LQPDLEGRK GAQIVKRASL KRGKQ
Clone:	3C3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Erythrocyte Ankyrin (ANK1)
Alternative Name:	ANK1 (ANK1 Products)
Background:	Full Gene Name: ankyrin 1, erythrocytic Synonyms: ANK,SPH1,SPH2
Gene ID:	286
Pathways:	Synaptic Membrane

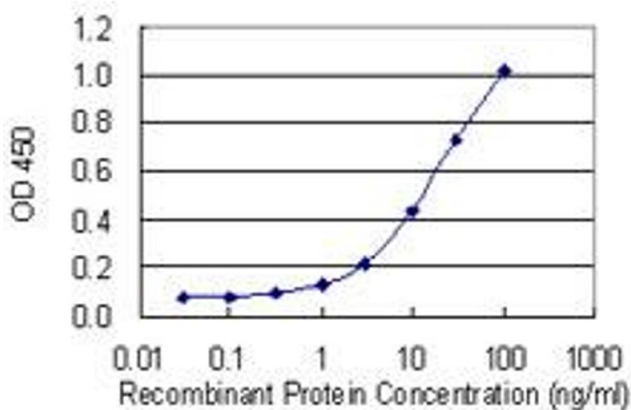
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

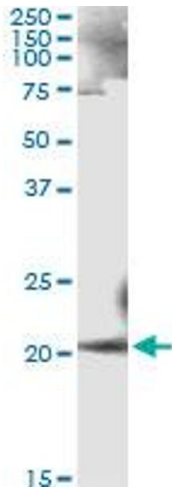
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged ANK1 is 0.3 ng/ml as a capture antibody.



Immunoprecipitation

Image 2. Immunoprecipitation of ANK1 transfected lysate using anti-ANK1 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with ANK1 MaxPab rabbit polyclonal antibody.