
Product Name: Band 3 Rabbit Monoclonal Antibody**Catalog #: AMRe85340**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 102 kDa; Observed MW: 102 kDa

Antigen Information

Gene Name	Band 3
Alternative Names	AE1; BND3; CD233; DI; EMPB3; EPB3; FR; RTA1A; SLC4A1; SW; WD; WD1; WR
Gene ID	6521.0
SwissProt ID	P02730
Immunogen	A synthetic peptide of human Band 3

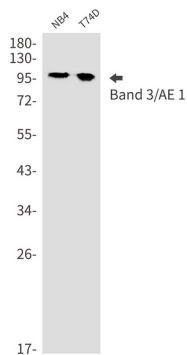
Background

Functions both as a transporter that mediates electroneutral anion exchange across the cell membrane and as a structural protein. Major integral membrane glycoprotein of the erythrocyte membrane; required for normal flexibility and stability of the erythrocyte membrane and for normal erythrocyte shape via the interactions of its cytoplasmic domain with cytoskeletal

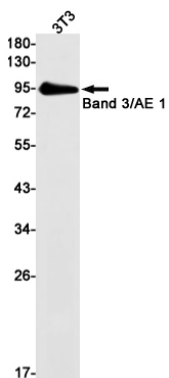
proteins, glycolytic enzymes, and hemoglobin.

Research Area

Image Data



Western blot analysis of Band 3/AE 1 in NB4, T74D lysates using Band 3 antibody.



Western blot analysis of Band 3/AE 1 in 3T3 lysates using Band 3/AE 1 antibody.