

Band 3 Rabbit mAb

Catalog No: #52173



Package Size: #52173-1 50ul #52173-2 100ul

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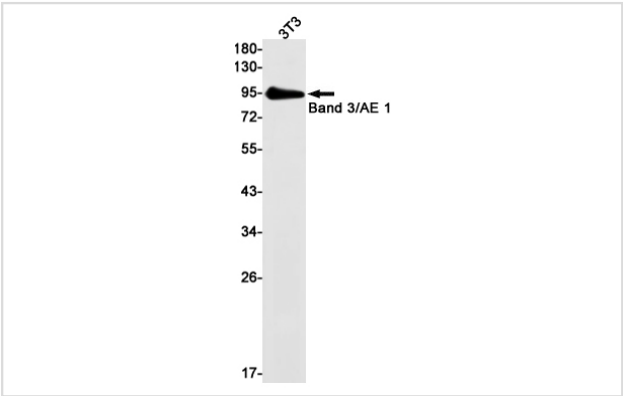
Description

Product Name	Band 3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-8A4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human Band 3
Conjugates	Unconjugated
Modification	Unmodification
Other Names	DI; FR; SW; WD; WR; AE1; CHC; SAO; WD1; BND3; EPB3; SPH4; CD233; EMPB3; RTA1A
Accession No.	Swiss-Prot:P02730GenelD:6521
Uniprot	P02730
GenelD	6521
Calculated MW	Calculated MW: 102 kDa; Observed MW: 102 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of Band 3/AE 1 in 3T3 cell lysates using Band 3/AE 1 Rabbit mAb(1:1000 diluted).Predicted band size:102kDa.Observed band size:102kDa.

Background

Swiss-Prot Acc.P02730.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. Functions as a transporter that mediates the 1:1 exchange of inorganic anions across the erythrocyte membrane. Mediates chloride-bicarbonate exchange in the kidney, and is required for normal acidification of the urine.

Note: This product is for in vitro research use only