



# B3A3 Monoclonal Antibody

Catalog No	BYmab-05322
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC4A3 AE3
Protein Name	Anion exchange protein 3 (AE 3) (Anion exchanger 3) (CAE3/BAE3) (Cardiac/brain band 3-like protein) (Neuronal band 3-like protein) (Solute carrier family 4 member 3)
Immunogen	Synthesized peptide derived from human protein . at AA range: 420-500
Specificity	B3A3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	135kD
Cell Pathway	Membrane; Multi-pass membrane protein.
Tissue Specificity	Both BAE3 and CAE3 are expressed in failing ventricle.
Function	alternative products:Additional isoforms seem to exist,function:Plasma membrane anion exchange protein of wide distribution. Mediates at least a part of the Cl(-)/HCO3(-) exchange in cardiac myocytes. Both BAE3 and CAE3 forms transport Cl(-).,similarity:Belongs to the anion exchanger (TC 2.A.31) family.,tissue specificity:Both BAE3 and CAE3 are expressed in failing ventricle.,
Background	The protein encoded by this gene is a plasma membrane anion exchange protein. The encoded protein has been found in brain, heart, kidney, small intestine, and lung. [provided by RefSeq, May 2016],

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images