

## Anti-Munc18-1/STXBP1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9819-Fluoro594

### About STXBP1

Syntaxin-binding protein 1, also known as Munc18-1, is a protein that in humans is encoded by the STXBP1 gene. By fluorescence in situ hybridization, the STXBP1 gene is mapped to chromosome 9q34.1. This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described.

### Overview

Product Name	Anti-Munc18-1/STXBP1 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P61764

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Munc18-1, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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