

# CoraLite® Plus 488-conjugated VAMP4 Monoclonal antibody

Catalog Number: **CL488-67219**

## Basic Information

**Catalog Number:**

CL488-67219

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2a

**Immunogen Catalog Number:**

AG27854

**GenBank Accession Number:**

BC007019

**GeneID (NCBI):**

8674

**UNIPROT ID:**

O75379

**Full Name:**

vesicle-associated membrane protein

4

**Calculated MW:**

16 kDa

**Observed MW:**

18 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

3A6F2

**Recommended Dilutions:**

IF/ICC 1:50-1:500

**Excitation/Emission maxima**

**wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

Human, Pig, Rat, Mouse

**Positive Controls:**

IF/ICC : HEK-293 cells,

## Background Information

VAMP4 is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP4 may play a role in trans-Golgi network to endosome transport.

## Storage

**Storage:**

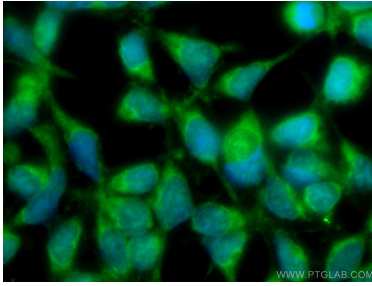
Store at -20°C. Avoid exposure to light.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HEK-293 cells using CoraLite® Plus 488 VAMP4 antibody (CL488-67219, Clone: 3A6F2 ) at dilution of 1:200.