

## Datasheet

### SLC18A3 monoclonal antibody, clone S6-38 (FITC)

**Catalog Number:** MAB16986

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against synthetic peptide of human SLC18A3.

**Clone Name:** S6-38

**Immunogen:** A synthetic peptide corresponding to amino acids 521-532 of human SLC18A3.

**Host:** Mouse

**Reactivity:** Human,Rat

**Applications:** ICC, IF, IHC-P, WB-Ti  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Conjugation:** FITC

**Purification:** Protein G purification

**Isotype:** IgG1

**Recommend Usage:** Immunocytochemistry (1:100)  
Immunofluorescence (1:100)  
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200)  
Western Blot (1:1000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).

**Storage Instruction:** Store at -20°C.

**Entrez GeneID:** 6572

**Gene Symbol:** SLC18A3

**Gene Alias:** MGC12716, VACHT

**Gene Summary:** This gene is a member of the vesicular amine transporter family. The encoded transmembrane protein transports acetylcholine into secretory vesicles for release into the extracellular space. Acetylcholine transport utilizes a proton gradient established by a vacuolar ATPase. This gene is located within the first intron of the choline acetyltransferase gene. [provided by RefSeq]

#### References:

1. Molecular analysis of vesicular amine transporter function and targeting to secretory organelles. Erickson JD, Varoqui H. FASEB J. 2000 Dec;14(15):2450-8.