

For Research Use Only

# CoraLite®594-conjugated ANO2 Monoclonal antibody



Catalog Number:CL594-67638

## Basic Information

<b>Catalog Number:</b> CL594-67638	<b>GenBank Accession Number:</b> NM_020373	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57101	<b>CloneNo.:</b> 2F12G1
<b>Source:</b> Mouse	<b>Full Name:</b> anoctamin 2	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 114 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : mouse eye tissue,
<b>Species Specificity:</b> Human, mouse	

## Background Information

ANO2, also named as C12orf3 and TMEM16B, belongs to the anoctamin family. It acts as a calcium-activated chloride channel (CaCC), mostly in photoreceptors. It may mediate olfactory amplification in olfactory sensory neurons (OSNs) and light perception amplification in retina.

## Storage

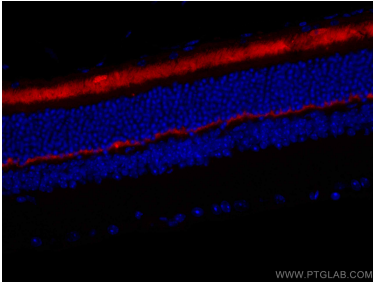
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using CoraLite®594 ANO2 antibody (CL594-67638, Clone: 2F12G1) at dilution of 1:200.