

For Research Use Only

# CoraLite® Plus 488-conjugated VDAC2 Monoclonal antibody



Catalog Number: **CL488-66388**

## Basic Information

<b>Catalog Number:</b> CL488-66388	<b>GenBank Accession Number:</b> NM_003375	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7417	<b>CloneNo.:</b> 1D8C11
<b>Source:</b> Mouse	<b>Full Name:</b> voltage-dependent anion channel 2	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 30-33 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse, rat

## Background Information

VDAC2 belongs to the eukaryotic mitochondrial porin family. It forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules.

## 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.

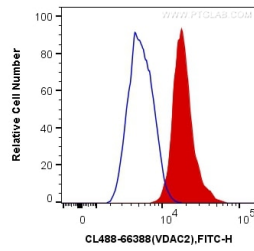
**Aliquoting is unnecessary for -20°C storage**

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

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human VDAC2 (CL488-66388, Clone:1D8C11) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).