


Product datasheet

Anti-VMAT1 antibody [EPR6476] ab168347

Recombinant RabMAb

[3 References](#) [3 Images](#)

Overview

Product name	Anti-VMAT1 antibody [EPR6476]
Description	Rabbit monoclonal [EPR6476] to VMAT1
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide within Human VMAT1. The exact sequence is proprietary. Database link: P54219
Positive control	BxPC-3, PC-12 and A549 cell lysates, A549 cells
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR6476

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab168347 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/100 - 1/500. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/5000. Predicted molecular weight: 56 kDa.

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

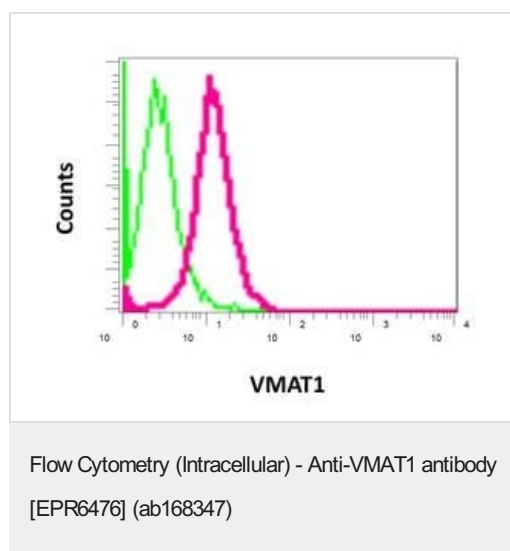
Target

Function Involved in the vesicular transport of biogenic amines.

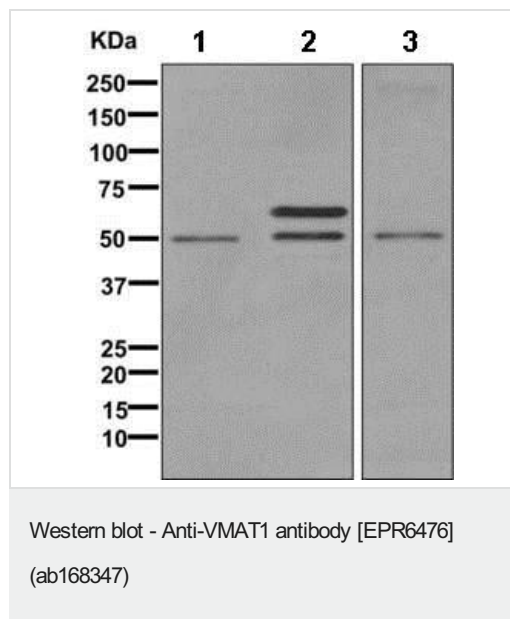
Sequence similarities Belongs to the major facilitator superfamily. Vesicular transporter family.

Cellular localization Cytoplasmic vesicle membrane.

Images



Intracellular flow cytometrical analysis of permeabilized A549 cells with ab168347 antibody at a dilution of 1/100 (red) or a rabbit IgG negative (green).



All lanes : Anti-VMAT1 antibody [EPR6476] (ab168347) at 1/1000 dilution

Lane 1 : BxPC-3 cell lysate

Lane 2 : PC-12 cell lysate

Lane 3 : A549 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 56 kDa

Why choose a recombinant antibody?

<p>Research with confidence Consistent and reproducible results</p>	<p>Long-term and scalable supply Recombinant technology</p>
<p>Success from the first experiment Confirmed specificity</p>	<p>Ethical standards compliant Animal-free production</p>

Anti-VMAT1 antibody [EPR6476] (ab168347)

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