

Product datasheet

Anti-Annexin V antibody [VAA-33] (Biotin) ab63555

Overview

Product name	Anti-Annexin V antibody [VAA-33] (Biotin)
Description	Mouse monoclonal [VAA-33] to Annexin V (Biotin)
Host species	Mouse
Conjugation	Biotin
Specificity	ab63555 specifically recognises human Annexin V.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant Annexin V (Human)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, 50mM Tris, 100mM Sodium chloride, pH 7.4
Purity	Protein G purified
Clonality	Monoclonal
Clone number	VAA-33
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab63555** 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		Use 10µl for 10 ⁶ cells. ab97679 -Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Function	This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.
Involvement in disease	Pregnancy loss, recurrent, 3
Sequence similarities	Belongs to the annexin family. Contains 4 annexin repeats.
Domain	The [IL]-x-C-x-x-[DE] motif is a proposed target motif for cysteine S-nitrosylation mediated by the iNOS-S100A8/A9 transnitrosylase complex. A pair of annexin repeats may form one binding site for calcium and phospholipid.
Post-translational modifications	S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.

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