

10X Annexin V/ANXA5 Binding Buffer ab14084

4 References

Overview

Product name	10X Annexin V/ANXA5 Binding Buffer
Tested applications	Suitable for: Flow Cyt, FM
General notes	<p>This product is manufactured by BioVision, an Abcam company and was previously called 1006 10X Annexin V Binding Buffer. 1006-100 is the same size as the 100 ml size of ab14084.</p> <p>The binding buffer contains optimal concentration of calcium which is required for Annexin v/ANXA5 binding to phosphatidylserine (PS) on the cell surface. This 10X reagent should be diluted to 1X with distilled water (ddH₂O) before using in the assay.</p> <p>This buffer can be used in conjunction with our Annexin V/ANXA5 reagents.</p>

Properties

Form	Liquid
Storage instructions	Store at +4°C.
Storage buffer	pH: 7.40
	Concentrated x10
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.

Applications

The Abpromise guarantee	Our Abpromise guarantee covers the use of ab14084 in the following tested applications.
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The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.
FM		Use at an assay dependent concentration.

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