

Product Datasheet

Annexin V Antibody (VAA-33) [FITC] NB100-63307-50Tests

Unit Size: 50 Tests

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-63307-50Tests

Annexin V Antibody (VAA-33) [FITC]

Product Information	
Unit Size	50 Tests
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	VAA-33
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	FITC
Purity	Protein G purified
Buffer	50 mM Tris (pH 7.4), 100 mM NaCl, 1.0% BSA

Product Description	
Host	Mouse
Gene ID	308
Gene Symbol	ANXA5
Species	Human
Reactivity Notes	Reacts with Human.
Specificity/Sensitivity	NB100-64303 specifically recognizes human Annexin V, a phospholipid binding protein which binds with high affinity and selectivity to phosphatidylserine (PS), in the presence of calcium. The translocation of PS from the cytosolic leaflet to the outer leaflet of the plasma membrane, due to a loss in plasma membrane asymmetry during apoptosis, acts as an in vivo signal for the removal of the dying cell by phagocytosis. Detection of PS using Annexin V therefore provides a reliable diagnostic tool for the indication of early programmed cell death. Annexin V has also been identified as an anticoagulant protein in the blood coagulation cascade, by acting as an inhibitor of prothrombin activation. The presence of antibodies to Annexin V, are associated with systemic lupus erythematosus (SLE), recurrent spontaneous abortions and systemic sclerosis (SSc). Clone VAA-33 has been reported to work in western blotting applications.
Immunogen	Recombinant Annexin V

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry Neat
Application Notes	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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