

ANXA5 / Annexin V Mouse anti-Human Monoclonal (FITC) Antibody - LS-C45040 - LSBio	
CatalogID:	LS-C45040
Target:	annexin A5 (ANXA5)
Synonyms:	ANXA5 Antibody, ANX5 Antibody, Anchorin CII Antibody, Calphobindin I Antibody, CBP-I Antibody, ENX2 Antibody, PP4 Antibody, RPRGL3 Antibody, Lipocortin V Antibody, Thromboplastin inhibitor Antibody, VAC-alpha Antibody, Vascular anticoagulant-alpha Antibody, PAP-I Antibody, Annexin A5 Antibody, Annexin V Antibody, Annexin-5 Antibody, Endonexin II Antibody
Host	ANXA5 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2a
Conjugations:	Fluorescein (FITC)
Immunogen Species:	ANXA5 / Annexin V antibody was raised against Human
Immunogen:	ANXA5 / Annexin V antibody was raised against recombinant Annexin V.
Specificity:	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 may be used for intracellular staining following cell permeabilization (BUF09)
Reactivity:	Human
Purification:	Protein G purified
Presentation:	50 mM Tris, 100 mM sodium chloride, pH 7.4, 0.02% sodium azide, 1% BSA.
Usage Summary:	Flow Cytometry: Use 10 ul of the suggested working dilution to label 1x10 ⁶ cells in 100 ul. Method sheets are available on request.
Uses:	Flow Cytometry (Optimal dilution to be determined by the researcher)
Size:	100 tst
Concentration:	0.2 mg/ml
Requested From:	Japan
Laboratory Reagent For In Vitro Research Use Only	
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