

# ANXA5 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2016a

## Product Information

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<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">P08758</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	3B9F3
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	35937
<b>Description</b>	The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa.
<b>Immunogen</b>	Purified recombinant fragment of human ANXA5 (AA: 160-320) expressed in E. Coli.
<b>Formulation</b>	Purified antibody in PBS with 0.05% sodium azide

## Additional Information

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<b>Gene ID</b>	308
<b>Other Names</b>	Annexin A5, Anchorin CII, Annexin V, Annexin-5, Calphobindin I, CBP-I, Endonexin II, Lipocortin V, Placental anticoagulant protein 4, PP4, Placental anticoagulant protein I, PAP-I, Thromboplastin inhibitor, Vascular anticoagulant-alpha, VAC-alpha, ANXA5, ANX5, ENX2, PP4
<b>Dilution</b>	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 E~~1/10000
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	ANXA5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	ANXA5
<b>Synonyms</b>	ANX5, ENX2, PP4
<b>Function</b>	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.

## References

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Klin Lab Diagn. 2013 Apr;(4):9-10.Mech Ageing Dev. 2012 Jul;133(7):508-22.

## Images

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