

ANXA5 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2058a

Specification

ANXA5 Antibody - Product Information

Application	E, WB, IF, FC
Primary Accession	P08758
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	36kDa KDa

Description

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.

Immunogen

Purified recombinant fragment of human ANXA5 (AA: 160-320) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

ANXA5 Antibody - Additional Information

Gene ID 308

Other Names

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

Dilution

E~~1/10000
WB~~1/500 - 1/2000
IF~~1/200 - 1/1000
FC~~1/200 - 1/400

Storage

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.

Precautions

ANXA5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ANXA5 Antibody - Protein Information

Name ANXA5

Synonyms ANX5, ENX2, PP4

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.

ANXA5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)