

Annexin V, human recombinant protein
Annexin V, human recombinant
Catalog # PBV10000r**Specification**

Annexin V, human recombinant protein - Product infoConcentration **1****Annexin V, human recombinant protein - Additional Info****Other Names**

Anchorin CII, Annexin V, Annexin-5, Calphobindin I, Endonexin II, Lipocortin V, Placental anticoagulant protein 4, placental anticoagulant protein I, Thromboplastin inhibitor, Vascular anticoagulant-alpha, PP4, ANX5, ENX2, ANXA5, Annexin A5, Annexin-5, Annexin V, Lipocortin V, Endonexin II, Calphobindin I, CBP-I, Placental anticoagulant protein I, PAP-I, Placental anticoagulant protein 4, VAC-alpha, Anchorin CII.

Assay&Purity
Assay2&Purity2
Recombinant
Target/Specificity
Annexin V

SDS-PAGE; ≥98%
HPLC;
Yes

Application Notes

Reconstitute the lyophilized forms with H₂O or PBS to a final concentration of 1-5 mg/ml.

Format

Liquid

Storage

+4°C; Liquid form (1 mg/ml in PBS, pH 7.4)

Annexin V, human recombinant protein - 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](#)

Annexin V, human recombinant protein - Images**Annexin V, human recombinant protein - Background**

Reagent for detecting early stages of apoptosis. During apoptosis, phosphatidylserine (PS) is translocated from the cytoplasmic face of the plasma membrane to the cell surface. Annexin V has a strong, Ca^{2+} -dependent affinity for PS and therefore is used as a probe for detecting apoptosis. The unlabeled Annexin V reagent can be conjugated to any tag of choice for detection of apoptosis. The reagent can also be used in competition binding experiments to compete with tagged annexin V conjugates. Annexin V-FITC, -Cy3, -Cy5, -EGFP, -PE, PE/CY5, and -Biotin Labels are also available separately.