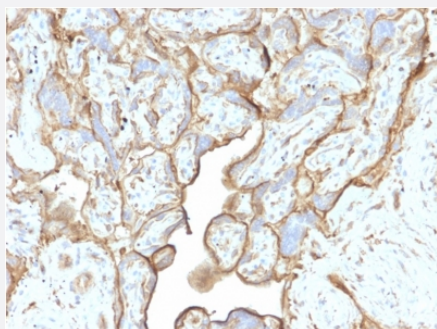


# ANXA1 monoclonal antibody, clone CPTC-ANXA1-1

Catalog # MAB21048      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Placenta using ANXA1 monoclonal antibody, clone CPTC-ANXA1-1.

## Specification

**Product Description** Mouse monoclonal antibody raised against full length recombinant human ANXA1.

**Immunogen** Recombinant protein corresponding to full length human ANXA1.

**Host** Mouse

**Reactivity** Human

**Form** Liquid

**Purification** Protein A/G purification

**Isotype** IgG2a

**Recommend Usage**  
Immunohistochemistry (Formalin-fixed) (0.5-1 ug/mL)  
Immunoprecipitation (2-4 ug/mg protein)  
Western Blot (0.5-1 ug/mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In 10 mM PBS.

**Storage Instruction**  
Store at -20 to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Placenta using ANXA1 monoclonal antibody, clone CPTC-ANXA1-1.

## Gene Info — ANXA1

Entrez GeneID [301](#)

Protein Accession# [P04083](#)

Gene Name ANXA1

Gene Alias ANX1, LPC1

Gene Description annexin A1

Omim ID [151690](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Annexin I belongs to a family of Ca(2+)-dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti-inflammatory activity. [provided by RefSeq]

**Other Designations** OTTHUMP00000021474|OTTHUMP00000021475|annexin I|annexin I (lipocortin I)|lipocortin I

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)