

**Annexin A1 (PT1761) mouse mAb**

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YM6608  |
| <b>Reactivity :</b>          | Human;Mouse;Rat;  |
| <b>Applications :</b>        | IHC;ELISA   |
| <b>Target :</b>              | Annexin I   |
| <b>Gene Name :</b>           | ANXA1 ANX1 LPC1   |
| <b>Protein Name :</b>        | Annexin A1 (Annexin I) (Annexin-1) (Calpactin II) (Calpactin-2) (Chromobindin-9) (Lipocortin I) (Phospholipase A2 inhibitory protein) (p35)                 |
| <b>Human Gene Id :</b>       | 301   |
| <b>Human Swiss Prot No :</b> | P04083  |
| <b>Immunogen :</b>           | Synthesized peptide derived from human Annexin A1 AA range: 250-346   |
| <b>Specificity :</b>         | This antibody detects endogenous levels of Annexin A1 protein.  |
| <b>Formulation :</b>         | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA  |
| <b>Source :</b>              | Mouse, Monoclonal/IgG1, kappa   |
| <b>Dilution :</b>            | IHC 1:50-200. ELISA 1:500-5000  |
| <b>Purification :</b>        | The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.  |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Molecularweight :</b>     | 38kD  |
| <b>Observed Band :</b>       | 37kD  |
| <b>Background :</b>          | This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of |

function or expression of this gene has been detected in multiple tumors.  
[provided by RefSeq, Dec 2014],

**Function :**

domain:A pair of annexin repeats may form one binding site for calcium and phospholipid.,function:Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis. This protein regulates phospholipase A2 activity. It seems to bind from two to four calcium ions with high affinity.,PTM:Phosphorylated by protein kinase C, epidermal growth factor receptor/kinase and TRPM7. Phosphorylation results in loss of the inhibitory activity.,similarity:Belongs to the annexin family.,similarity:Contains 1 annexin repeat.,similarity:Contains 2 annexin repeats.,similarity:Contains 4 annexin repeats.,subcellular location:Found in the cilium, nucleus and basolateral cell membrane of ciliated cells in the tracheal endothelium (By similarity). Found in the cytoplasm of type II pneumocytes and alveolar macrophages.,subunit:Homodimer in placenta (20%); linked by transglutamylat

**Subcellular Location :**

Cytoplasmic, Nuclear

**Expression :**

Detected in resting neutrophils (PubMed:10772777). Detected in peripheral blood T-cells (PubMed:17008549). Detected in extracellular vesicles in blood serum from patients with inflammatory bowel disease, but not in serum from healthy donors (PubMed:25664854). Detected in placenta (at protein level) (PubMed:2532504). Detected in liver.

**Tag :**

hot

**Sort :**

2044

**No4 :**

1

**Speciality :**

IHC antibodies

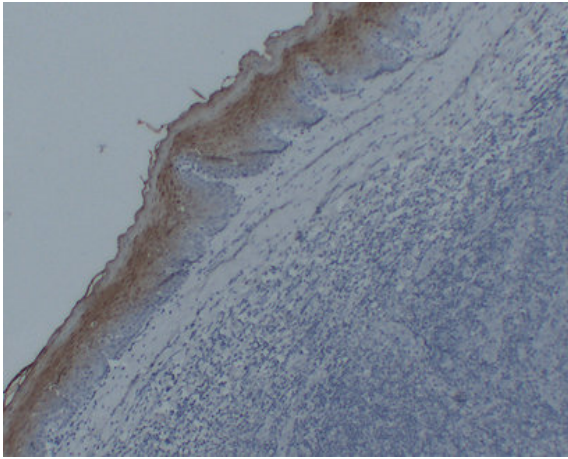
**Host :**

Mouse

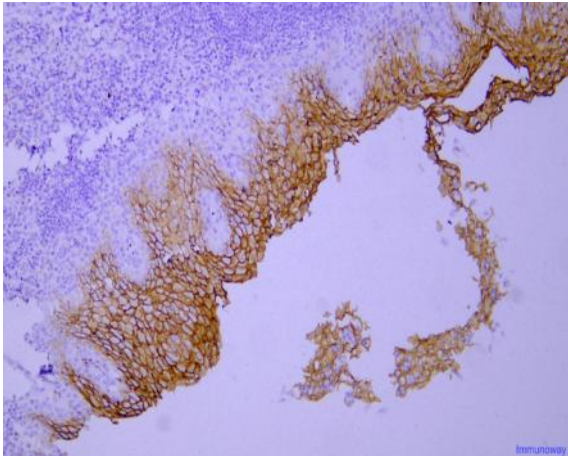
**Modifications :**

Unmodified

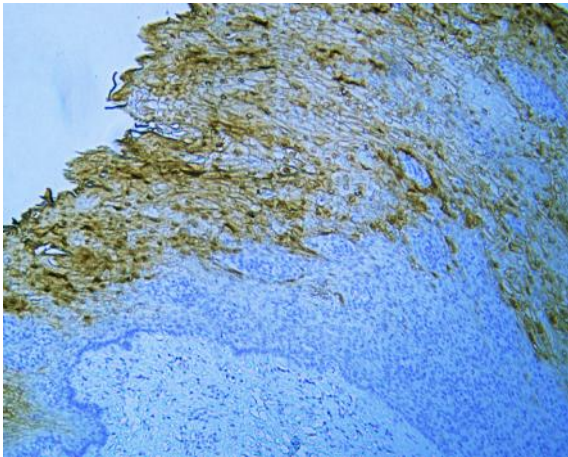
**Products Images**



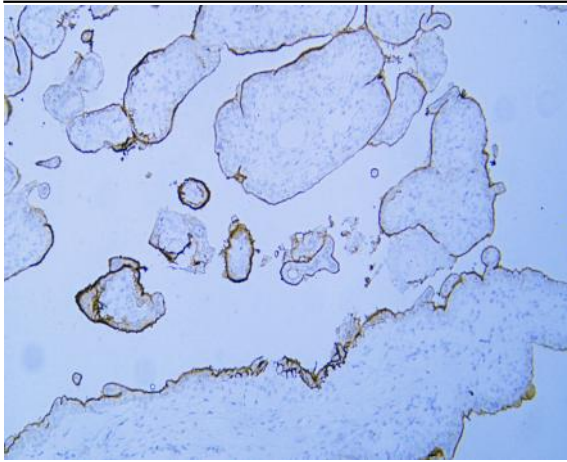
Immunohistochemical analysis of paraffin-embedded Tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded human tonsil Antibody was diluted at 1:200(4° overnight).



Human esophagus tissue was stained with Anti-Annexin A1 (PT1761) Antibody



Human placenta tissue was stained with Anti-Annexin A1 (PT1761) Antibody