

### 32-5958: Mouse Anti Human Coactosin-Like 1 (Clone: PAT1D6ATe)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT1D6ATe
<b>Application :</b>	ELISA, WB
<b>Gene :</b>	COTL1
<b>Gene ID :</b>	23406
<b>Uniprot ID :</b>	Q14019
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Coactosin-like protein, COTL1, CLP, FLJ43657, MGC19733.
<b>Isotype :</b>	Mouse IgG2b heavy chain and k light chain.
<b>Immunogen Information :</b>	Anti-human COTL1 mAb, clone PAT1D6AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human COTL1 protein 1-142 amino acids purified from E. coli.

#### Description

Coactosin-like protein (COTL1) is one of the numerous actin-binding proteins which regulate the actin cytoskeleton. COTL1 binds F-actin, it also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. COTL1 binds to F-actin in a calcium-independent way and has no direct effect on actin depolymerization.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	COTL1 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.