

### 32-6058: Mouse Anti Human Cytosolic Iron-Sulfur Protein Assembly 1(Clone: PAT6C9A)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT6C9A
<b>Application :</b>	ELISA, WB
<b>Gene :</b>	CIAO1
<b>Gene ID :</b>	9391
<b>Uniprot ID :</b>	O76071
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CIA1, WDR39, Probable cytosolic iron-sulfur protein assembly protein CIAO1, WD repeat-containing protein 39, CIAO1.
<b>Isotype :</b>	Mouse IgG1 heavy chain and Kappa light chain.
<b>Immunogen Information :</b>	Anti-human CIAO1 mAb, clone PAT6C9A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human CIAO1 protein 1-339 amino acids purified from E. coli.

#### Description

CIAO1 is a vital component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. CIAO1 protein is required for the maturation of extra mitochondrial Fe/S proteins and seems to specifically modulate the trans-activation activity of WT1. CIAO1 participates in chromosome segregation as a part of the mitotic spindle-associated MMXD complex.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	CIAO1 antibody was purified 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 dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:1000.