

### 32-6209: Mouse Anti Human Ras association domain-containing protein 1(Clone:P3F3AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P3F3AT.
<b>Application :</b>	ELISA,WB ,IHC
<b>Gene :</b>	AKT1
<b>Gene ID :</b>	207
<b>Uniprot ID :</b>	P31749
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Ras association domain-containing protein 1,123F2,RDA32,NORE2A,RASSF1A,REH3P21,RASSF1.
<b>Isotype :</b>	Mouse IgG1 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human RASSF1A mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human RASSF1A amino acids 1-340 purified from E. coli.

#### Description

RASSF1A is a protein similar to the RAS effector proteins. Loss or altered expression of the RASSF1A gene has been linked to the pathogenesis of a variety of cancers, which suggests the tumor suppressor function of the RASSF1A gene. The inactivation of the RASSF1A gene was found to be interconnected with the hypermethylation of its CpG-island promoter region. The RASSF1A protein was found to interact with DNA repair protein XPA. RASSF1A was also shown to inhibit the accumulation of cyclin D1, and thus induce cell cycle arrest.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	RASSF1A antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% 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

RASSF1A antibody has been tested by ELISA, Western blot and immunocytochemistry 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 ~ 1:2,000. Recommended starting dilution is 1:1,000.