

32-6127: Mouse Anti Human Inhibitor of Growth Family, Member 2(Clone: PAT39E5AT)

Clonality :	Monoclonal
Clone Name :	PAT39E5AT
Application :	ELISA, WB
Gene :	ING2
Gene ID :	3622
Uniprot ID :	Q9H160
Format :	Purified
Alternative Name :	Inhibitor Of Growth Family Member 2, ING1L, Inhibitor Of Growth 1-Like Protein, P33ING2, ING1Lp, P32, Inhibitor Of Growth Family Member 1-Like, Inhibitor Of Growth Protein 2, ING2.
Isotype :	Mouse IgG1 heavy chain and k light chain.
Immunogen Information :	Anti-human ING2 mAb, clone PAT39E5AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ING2 protein 1-280 amino acids purified from E. coli.

Description

Inhibitor of Growth Family, Member 2 (ING2) belongs to the inhibitor of growth (ING) family. ING family members associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and serve in DNA repair and apoptosis. ING2 appears to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, most likely by enhancing acetylation of p53/TP53. ING2 is a component of an mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity is modulated by binding to phosphoinositides (PtdInsPs).

Product Info

Amount :	20 µg
Purification :	ING2 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	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.