



Mouse anti-Human ING1 monoclonal antibody, clone 2D0 (CABT-B10462)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ING1 (NP_937862, 41 a.a. ~ 141 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2D0
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	DAKYQEILKELDECYERFSRETDGAQKRRMLHCVQRALIRSQELGDEKIQIVSQMVELVNTRQVDSHVELFEAQQELGDTAGNSKGAGADRPKGEEAA*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor
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suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Keywords	ING1; inhibitor of growth family, member 1; p33; p47; p33ING1; p24ING1c; p33ING1b; p47ING1a; inhibitor of growth protein 1; growth inhibitor ING1; tumor suppressor ING1; growth inhibitory protein ING1;
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GENE INFORMATION

Entrez Gene ID	3621
UniProt ID	Q9UK53
Pathway	Senescence and Autophagy, organism-specific biosystem
Function	metal ion binding; molecular_function; zinc ion binding
