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Datasheet for ABIN7126219
anti-ECD/SGT1 antibody

Overview

Quantity:	100 µg
Target:	ECD/SGT1 (ECD)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ECD/SGT1 antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human ECD protein
Isotype:	IgG2b
Specificity:	Inhibits MDM2-mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP. May be involved transcriptional regulation. In vitro has intrinsic transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes. Involved in regulation of cell cycle progression. Proposed to disrupt Rb-E2F binding leading to transcriptional activation of E2F proteins. The cell cycle -regulating function may depend on its RUVBL1-mediated association with the R2TP complex. May play a role in regulation of pre-mRNA splicing.
Cross-Reactivity (Details):	Human. Predicted to react with Rabbit, Goat, Horse, Guinea pig, Dog, Pig, Rhesus monkey, Orangutan and Elephant (based on sequence homology).
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	ECD/SGT1 (ECD)
Alternative Name:	ECD (ECD Products)
Background:	Ecdysoneless homolog, hSGT1, Human suppressor of GCR two, Protein ecdysoneless homolog, SGT1 protein,ECD / SGT1 Cellular localisation: Nucleus. Cytosol.
Molecular Weight:	72.76kDa
Gene ID:	11319, 631822
UniProt:	O95905
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Known_Application: Immunoprecipitation (1-2 µg per 100-500 µg of total protein), ,Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), ,Optimal dilution for a specific application should be determined. Positive_Control: HeLa or 293T cells. Human testis, spleen or colon.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months