

Mouse ECD/SGT1 Monoclonal Antibody | anti-ECD antibody

ECD/SGT1 Mouse Monoclonal Antibody [Clone PCRP-ECD-1D10]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215546	Mouse	Human Predicted to react with Rabbit, Goat, Horse, Guinea pig, Dog, Pig, Rhesus monkey, Orangutan and Elephant (based on sequence homology).	Immunofluorescence, Flow Cytometry, Functional Assay, Immunoprecipitation

PRODUCT SYNONYMS

ECD/SGT1; Monoclonal Antibody; ECD/SGT1 Mouse Monoclonal Antibody [Clone PCRP-ECD-1D10]; Ecdysoneless homolog; hSGT1; Human suppressor of GCR two; Protein ecdysoneless homolog; SGT1 protein; anti-ECD antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Predicted to react with Rabbit, Goat, Horse, Guinea pig, Dog, Pig, Rhesus monkey, Orangutan and Elephant (based on sequence homology).
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-ECD-1D10
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-ECD antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation)
Immunogen	Recombinant full-length human ECD protein
Cellular Localization	Nucleus, Cytosol
Positive Control	HeLa or 293T cells. Human testis, spleen or colon.
Hu-chromosome Location	10q22.2
Unigene	631822
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified ECD Mouse Monoclonal Antibody (PCRP-ECD-1D10).
Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ECD antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17368102
NCBI GeneID	11319
UniProt Accession #	O95905; C9JX46; E9PAW8
Molecular Weight	644
NCBI Official Full Name	Protein SGT1
NCBI Official Synonym Full Names	ecdysoneless homolog (Drosophila)
NCBI Official Symbol	ECD
NCBI Official Synonym Symbols	GCR2; HSGT1
NCBI Protein Information	protein SGT1; suppressor of GCR2; protein ecdysoneless homolog; suppressor of S. cerevisiae gcr2
UniProt Protein Name	Protein SGT1
UniProt Gene Name	ECD
UniProt Synonym Gene Names	SGT1; hSGT1
UniProt Entry Name	SGT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ecd-sgt1-antibody-clone-pcrp-ecd-1d10-immunofluorescence-flow-cytometry-immunoprecipitation-elisa/215546>