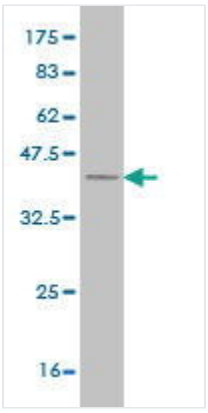
SUGT1 Antibody – Mouse Monoclonal

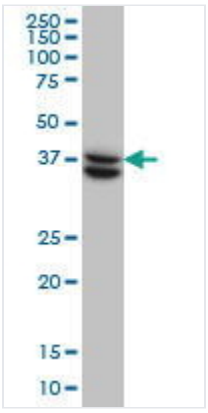
PRODUCT OVERVIEW

Product Name	SUGT1, Monoclonal Antibody
Full Product Name	SUGT1 (Suppressor of G2 Allele of SKP1 Homolog, Sgt1, Protein 40-6-3) (AP)
Product Gene Name	anti-SUGT1 antibody
Clonality	Monoclonal
Isotype	IgG3,k
Clone Number	6G5
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human SUGT1.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	37,805 Da
OMIM	604098
3D Structure	ModBase 3D Structure for Q9Y2Z0
Immunogen	Partial recombinant corresponding to aa151-261 from human SUGT1 (NP_006695) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VVITLMIKNVQKNDVNVEFSEKELSALVKLPSGEDYNLKLELLHPIIPEQSTFKVLSTKIEIKLKKPEAVRWEKLEGQGDVPTPKQFVADVKNLYPSSSPYTR
Conjugate	AP
Product Categories/Family for anti-SUGT1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-SUGT1 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-SUGT1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SUGT1 antibody	MBS6134062 is an antibody targeting SUGT1. Also known as SUGT1 (Suppressor of G2 Allele of SKP1 Homolog, Sgt1, Protein 40-6-3) (AP). Reactive Human. Host: Mouse.

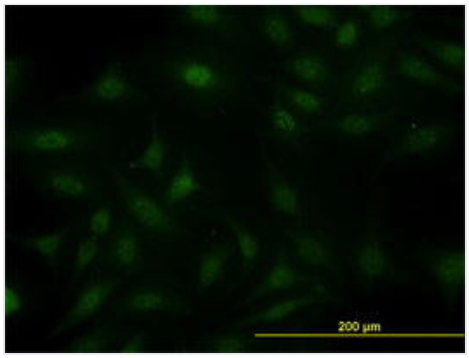
Other Notes	Small volumes of anti-SUGT1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and add ice fee may apply.



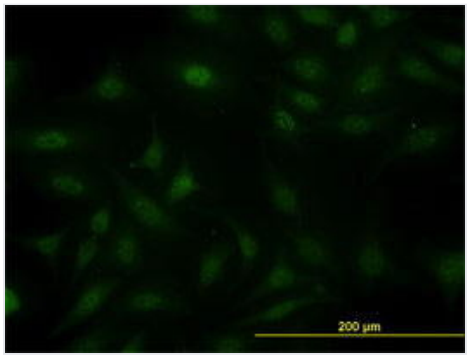
Western Blot (WB) of anti-SUGT1 antibody
Western Blot detection against Immunogen (38.21kD).



Western Blot (WB) of anti-SUGT1 antibody
SUGT1 monoclonal antibody Western Blot analysis of SUGT1 expression in HeLa.



Immunofluorescence (IF) of anti-SUGT1 antibody
Immunofluorescence of monoclonal antibody to SUGT1 on HeLa cell. [antibody concentration 10ug/ml].



Testing Data of anti-SUGT1 antibody
Detection limit for recombinant GST tagged SUGT1 is ~3ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SUGT1. It may not necessarily be applicable to this product.

NCBI GI #	5730041
NCBI GeneID	10910
NCBI Accession #	NP_006695
UniProt Primary Accession #	Q9Y2Z0
UniProt Secondary Accession #	Q5JAK5; Q5TAM6; Q6VXY6; A2A303
UniProt Related Accession #	Q9Y2Z0
GenBank Nucleotide #	NM_006704
NCBI Official Full Name	suppressor of G2 allele of SKP1 homolog isoform SGT1A
NCBI Official Synonym Full Names	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)
NCBI Official Symbol	SUGT1
NCBI Official Synonym Symbols	SGT1
UniProt Protein Name	Suppressor of G2 allele of SKP1 homolog
UniProt Synonym Protein Names	Protein 40-6-3; Sgt1

UniProt Gene Name	SUGT1
UniProt Entry Name	SUGT1_HUMAN
NCBI Protein Information	suppressor of G2 allele of SKP1 homolog; SGT1B protein; putative 40-6-3 protein; suppressor of G2 allele of SKP1, S. cerevisiae, homolog of
UniProt Comments for SUGT1	SUGT1: a protein involved in kinetochore function and required for the G1/S and G2/M transitions. A subunit of both core kinetochore and SCF (Skp1-Cul1-F-box) ubiquitin ligase complexes. Two alternatively spliced isoforms have been reported. Protein type: Ubiquitin conjugating system; Cell cycle regulation Chromosomal Location of Human Ortholog: 13q14.3 Cellular Component: kinetochore; cytoplasm; cytosol; nucleus; ubiquitin ligase complex Molecular Function: protein binding Biological Process: mitosis; innate immune response
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