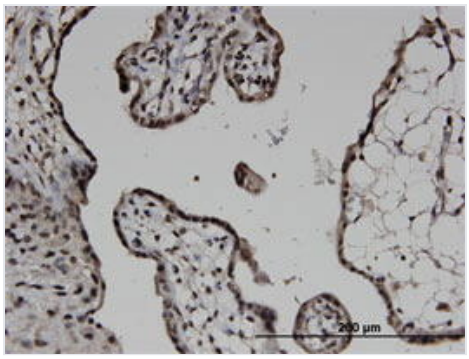
COPS6 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	COPS6, Monoclonal Antibody
Full Product Name	COPS6 (COP9 Signalosome Complex Subunit 6, Signalosome Subunit 6, SGN6, JAB1-Containing Signalosome Subunit 6, hVIP, Vpr-interacting Prote
Product Gene Name	anti-COPS6 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2H5
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human COPS6.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	36,163 Da
Immunogen	Partial recombinant corresponding to aa30-327 from human COPS6 (AAH02520) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VMACGVTGSVSVALHPLVILNISDHWIRMRSQEGRPVQVIGALIGKQEGRNIEVMNSFELLSHTVEEKIIIDKEYYYTKEEQFKQVFKELEFLGWYTTGGPP
Conjugate	PE
Product Categories/Family for anti-COPS6 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-COPS6 antibody	ELISA (EIA), Immunohistochemistry (IHC) Paraffin
Application Notes for anti-COPS6 antibody	IHC-P: 1.5ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-COPS6 antibody	MBS6157222 is an antibody targeting COPS6. Also known as COPS6 (COP9 Signalosome Complex Subunit 6, Signalosome Subunit 6, SGN6, JAB1-
Other Notes	Small volumes of anti-COPS6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces



Testing Data of anti-COPS6 antibody
Immunoperoxidase of monoclonal antibody to COPS6 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1.5ug/ml].

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for COPS6. It may not necessarily be applicable to this product.

NCBI GI #	33876807
NCBI GeneID	10980
NCBI Accession #	BC002520
NCBI Related Accession #	AAH02520
UniProt Secondary Accession #	O15387; A4D2A3
UniProt Related Accession #	Q7L5N1
NCBI Official Full Name	Homo sapiens COP9 constitutive photomorphogenic homolog subunit 6 (Arabidopsis), mRNA
NCBI Official Synonym Full Names	COP9 signalosome subunit 6
NCBI Official Symbol	COPS6
NCBI Official Synonym Symbols	CSN6; MOV34-34KD
NCBI Protein Information	COP9 signalosome complex subunit 6
NCBI Summary for COPS6	The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein belongs to translation initiation factor 3 (eIF3) superfamily. It is involved in the regulation of cell cycle and likely to be a cellular cofactor for HIV-1 accessory gene product Vpr. [provided by RefSeq, Jul 2008]
Research Articles on COPS6	**1.** our results indicate that CSN6 is a positive regulator of E6AP and is important for cervical cancer development.
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