



# Anti-EXOC5 monoclonal antibody (DCABH-11469)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity.
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<b>Immunogen</b>	A synthetic peptide of human EXOC5 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">EXOC5 exocyst complex component 5 [ Homo sapiens ]</a>
<b>Official Symbol</b>	EXOC5
<b>Synonyms</b>	EXOC5; exocyst complex component 5; SEC10 (S. cerevisiae) like 1 , SEC10 like 1 (S. cerevisiae) , SEC10L1; SEC10; SEC10P; SEC10-like 1; exocyst complex component Sec10; HSEC10; PRO1912; SEC10L1; DKFZp666H126;
<b>Entrez Gene ID</b>	<a href="#">10640</a>
<b>Protein Refseq</b>	<a href="#">NP_006535</a>
<b>UniProt ID</b>	<a href="#">O00471</a>
<b>Chromosome Location</b>	14q22.3
<b>Pathway</b>	Arf6 trafficking events, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem.
<b>Function</b>	protein N-terminus binding;