



Anti-CHMP1B monoclonal antibody (DCABH-11002)

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

PRODUCT INFORMATION

Antigen Description	CHMP1B belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al., 2006 [PubMed 16730941]).
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Immunogen	A synthetic peptide of human CHMP1B is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CHMP1B charged multivesicular body protein 1B [Homo sapiens]
Official Symbol	CHMP1B
Synonyms	CHMP1B; charged multivesicular body protein 1B; chromatin modifying protein 1B; charged multivesicular body protein 1b; C18orf2; CHMP1.5; Vps46B; vacuolar protein sorting 46-2; chromatin-modifying protein 1b; vacuolar protein sorting-associated protein 46-2; C10orf2; Vps46-2; C18-ORF2; hVps46-2;
Entrez Gene ID	57132
Protein Refseq	NP_065145
UniProt ID	Q7LBR1
Chromosome Location	18p11.21
Pathway	ESCRT-III complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem.
Function	protein binding; protein domain specific binding;