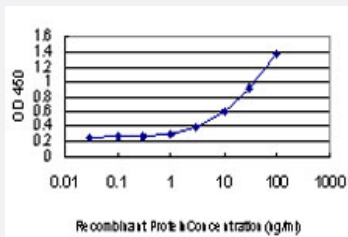


CHMP2B monoclonal antibody (M01), clone 2H6-1E6

Catalog # H00025978-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHMP2B is approximately 1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CHMP2B.
Immunogen	CHMP2B (AAH01553.1, 1 a.a. ~ 213 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASLFKKKTVDVVIKEQNRELRGTRQRAIRDRAALEKQEKQLELEIKKMAKIGNKEACKVLAKQLV HLRKQKTRTFVSSKVTSMSSTQTKVMNSQMKMAGAMSTTAKTMQAVNKKMDPQKTLQTMQNF QKENMKMEMTEEMINDTLDDIFDGSDDDEESQDIVNQLVLEIGIEISGKMAKAPSAARSLPSASTS KATISDEEIERQLKALGVD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHMP2B is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHMP2B

Entrez GeneID [25978](#)

GeneBank Accession# [BC001553.1](#)

Protein Accession# [AAH01553.1](#)

Gene Name CHMP2B

Gene Alias CHMP2.5, DKFZp564O123, DMT1, VPS2-2, VPS2B

Gene Description chromatin modifying protein 2B

Omim ID [600795 609512](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a component of the heteromeric ESCRT-III complex (Endosomal Sorting Complex Required for Transport III) that functions in the recycling or degradation of cell surface receptors. ESCRT-III functions in the concentration and invagination of ubiquitinated endosomal cargos into intraluminal vesicles. The protein encoded by this gene is found as a monomer in the cytosol or as an oligomer in ESCRT-III complexes on endosomal membranes. It is expressed in neurons of all major regions of the brain. Mutations in this gene result in one form of familial frontotemporal lobar degeneration. [provided by RefSeq]

Other Designations charged multivesicular body protein 2b|vacuolar protein-sorting-associated protein 2-2

Pathway

- [Endocytosis](#)

Disease

- [Alzheimer disease](#)
- [Amyotrophic Lateral Sclerosis](#)
- [Dementia](#)
- [Genetic Predisposition to Disease](#)
- [Neurodegenerative Diseases](#)