



Mouse Anti-Human CHL1 monoclonal antibody, clone NN12 (CABT-ZB945)

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

PRODUCT INFORMATION

Specificity	It reacts with Human CHL1
Target	CHL1
Immunogen	Recombinant Human CHL-1 Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN12
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB593 - CABT-ZB945 This antibody will detect CHL1 in antibody pair set. [ABPR-ZB170]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CHL-1. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific

Size	50 μ L, 100 μ L, 200 μ L, 1 mL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Neural cell adhesion molecule L1-like protein, also known as close homolog of L1 (CHL1) is the prototypic member of the CTF/NF-1 family of transcription factors that serve as a novel calcium signaling pathway-responsive transcription factor and is considered as a member of the largest ctf complementation group, consisting of 30 of 126 ctf mutants isolated. CHL1 is a cell adhesion molecule highly related to L1. It contains structure plan of six extracellular C2-type immunoglobulin (Ig) domains followed by five fibronectin type III domains linked by a single membrane-spanning region to a short cytoplasmic domain. The extracellular portion of CHL1 is highly glycosylated and involved in hemophilic disease.
Keywords	CHL1; cell adhesion molecule with homology to L1CAM (close homolog of L1); cell adhesion molecule with homology to L1CAM (close homologue of L1); neural cell adhesion molecule L1-like protein

GENE INFORMATION

Synonyms	CHL1; cell adhesion molecule with homology to L1CAM (close homolog of L1); cell adhesion molecule with homology to L1CAM (close homologue of L1); neural cell adhesion molecule L1-like protein; CALL; cell adhesion molecule L1 like; FLJ44930; L1CAM2; MGC132578; neural cell adhesion molecule
Entrez Gene ID	10752
UniProt ID	O00533