CHIC2 Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	CHIC2, Blocking Peptide
Full Product Name	CHIC2 Antibody (C-term) Blocking Peptide
Product Gene Name	CHIC2 blocking peptide
Product Synonym Gene Name	BTL
Product Synonym Names	Cysteine-rich hydrophobic domain-containing protein 2; BrX-like translocated in leukemia; CHIC2; BTL
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	CHIC2 peptide (MBS9217613) is used for blocking the activity of CHIC2 antibody (MBS9210617)
Molecular Weight	19,254 Da
OMIM	604332
Cellular Location	Cell membrane. Cytoplasmic vesicle. Note: Also present at a Golgi-like vesicular compartment and at scattered vesicles
Related Product Information for CHIC2 blocking peptide	MBS9217613 is a blocking peptide targeting CHIC2. Also known as CHIC2 Antibody (C-term) Blocking Peptide.
Other Notes	Small volumes of CHIC2 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHIC2. It may not necessarily be applicable to this product.

NCBI GI #	6912276
NCBI GeneID	26511
NCBI Accession #	NP_036242.1
UniProt Primary Accession #	Q9UKJ5
UniProt Secondary Accession #	B2R639
UniProt Related Accession #	Q9UKJ5
GenBank Nucleotide #	NM_012110.3
NCBI Official Full Name	cysteine-rich hydrophobic domain-containing protein 2
NCBI Official Synonym Full Names	cysteine rich hydrophobic domain 2
NCBI Official Symbol	CHIC2
NCBI Official Synonym Symbols	BTL
UniProt Protein Name	Cysteine-rich hydrophobic domain-containing protein 2
UniProt Synonym Protein Names	BrX-like translocated in leukemia

Protein Family	Cysteine-rich hydrophobic domain-containing protein
UniProt Gene Name	CHIC2
UniProt Synonym Gene Names	BTL
UniProt Entry Name	CHIC2_HUMAN
NCBI Protein Information	cysteine-rich hydrophobic domain-containing protein 2
NCBI Summary for CHIC2	This gene encodes a member of the CHIC family of proteins. The encoded protein contains a cysteine-rich hydrophobic (CHIC) motif, and is localized to vesicular structures and the plasma membrane. This gene is associated with some cases of acute myeloid leukemia. [provided by RefSeq, Jul 2008]
UniProt Comments for CHIC2	CHIC2: A chromosomal aberration involving CHIC2 is found in a form of acute myeloid leukemia (AML). Translocation t(4;12)(q12;p13) with ETV6. Belongs to the CHIC family. Chromosomal Location of Human Ortholog: 4q11 Cellular Component: Golgi-associated vesicle; plasma membrane Molecular Function: protein binding Biological Process: Golgi to plasma membrane transport Disease: Leukemia, Acute Myeloid
Research Articles on CHIC2	**1.** studied a new FISH method to detect CHIC2 deletion, FIP1L1/PDGFRA fusion and PDGFRA translocation in patients with myeloid neoplasms associated with eosinophilia
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