Kk-Lc-1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	KK-LC-1, Blocking Peptide
Full Product Name	KK-LC-1 Peptide
Product Gene Name	KK-LC-1 blocking peptide
Product Synonym Names	Cancer/testis antigen 83; Chromosome X open reading frame 61; CT83; CXorf61; Kita-kyushu lung cancer antigen 1; KK-LC-1; KKLC1 antibody
Form/Format	Antigenic Blocking Peptide
Concentration	Quantity: 250 ug; Volume: 100 ul (lot specific)
Preparation and Storage	-20• degree C for long term storage
Antibody/Peptide Pairs	KK-LC-1 peptide (MBS543911) is used for blocking the activity of KK-LC-1 antibody (MBS541952)
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Molecular Weight	12,784 Da
OMIM	300625
Immunogen	Synthetic peptide taken within amino acid region 61-111 on human Kita-kyushu lung cancer antigen 1.
Expression	Specifically expressed in testis. Expressed by cancer cell lines.
Determinant	Multiple epitopes
Subcellular Location	Cell membrane; Single-pass type II membrane protein
Applications Tested/Suitable for KK-LC-1 blocking peptide	Immunocompetition, Immunodepletion
Application Notes for KK-LC-1 blocking peptide	Western Blot: 1:500
Related Product Information for KK-LC-1 blocking peptide	MBS543911 is a blocking peptide targeting KK-LC-1. Also known as KK-LC-1 Peptide. Antigenic Blocking Peptide Kita-kyushu lung cancer antigen 1 Multi-epitope
Other Notes	Small volumes of KK-LC-1 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 KK-LC-1. It may not necessarily be applicable to this product.

NCBI GI #	63025190
NCBI GeneID	203413
NCBI Accession #	NP_001017978
UniProt Primary Accession #	Q5H943
UniProt Related Accession #	Q5H943
GenBank Nucleotide #	NM_001017978.3

NCBI Official Full Name	kita-kyushu lung cancer antigen 1
NCBI Official Synonym Full Names	cancer/testis antigen 83
NCBI Official Symbol	CT83
NCBI Official Synonym Symbols	KKLC1; CXorf61; KK-LC-1
UniProt Protein Name	Kita-kyushu lung cancer antigen 1
UniProt Synonym Protein Names	Cancer/testis antigen 83
UniProt Gene Name	CT83
UniProt Synonym Gene Names	CXorf61; KKLC1; KK-LC-1
UniProt Entry Name	KKLC1_HUMAN
NCBI Protein Information	kita-kyushu lung cancer antigen 1
UniProt Comments for KK-LC-1	KKLC1: Protein type: Cancer Testis Antigen (CTA); Membrane protein, integral Chromosomal Location of Human Ortholog: Xq23 Cellular Component: integral to membrane; nucleus; plasma membrane
Research Articles on KK-LC-1	**1.** The frequency of KK-LC-1 expression was higher than that of the other CTAs. KK-LC-1 might be a useful target for immunotherapy and in diagnosis of gastric cancer.
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