C14orf166 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	C14orf166, Blocking Peptide
Full Product Name	C14orf166 Blocking Peptide
Product Gene Name	C14orf166 blocking peptide
Product Synonym Names	C14orf166; CGI 99; CGI-99; CGI99; Chromosome 14 open reading frame 166; CLE; CLE7; CN166_HUMAN; Homeobox prox 1; LCRP369; RLL motif containing 1; RLLM1; UPF0568 protein C14orf166
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 10 mg/ml.
Purity/Purification	The purity is >90%,tested by HPLC and MS.
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	C14orf166 peptide (MBS9621064) is used for blocking the activity of C14orf166 antibody (MBS9603587)
Molecular Weight	28,068 Da
OMIM	610858
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for C14orf166 blocking peptide	Blocking/Control
Related Product Information for C14orf166 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Other Notes	Small volumes of C14orf166 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.
Searchable Terms for C14orf166 purchase	MBS9621064 is a blocking peptide targeting C14orf166.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C14orf166. It may not necessarily be applicable to this product.

NCBI GI #	7706322
NCBI GeneID	51637
NCBI Accession #	NP_057123.1
UniProt Primary Accession #	Q9Y224
UniProt Related Accession #	Q9Y224

GenBank Nucleotide #	NM_016039.2
NCBI Official Full Name	UPF0568 protein C14orf166
NCBI Official Synonym Full Names	chromosome 14 open reading frame 166
NCBI Official Symbol	C14orf166
NCBI Official Synonym Symbols	CLE; CLE7; CGI99; RLLM1; CGI-99; LCRP369
UniProt Protein Name	UPF0568 protein C14orf166
UniProt Synonym Protein Names	CLE7 homolog; CLE
Protein Family	UPF0568 protein
UniProt Gene Name	C14orf166
UniProt Synonym Gene Names	CGI-99; CLE
UniProt Entry Name	CN166_HUMAN
NCBI Protein Information	UPF0568 protein C14orf166; CLE7 homolog; RLL motif containing 1
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