HORMAD2 Blocking Peptide

PRODUCT OVERVIEW

Product Name	HORMAD2, Blocking Peptide
Full Product Name	HORMAD2 Blocking Peptide
Product Gene Name	HORMAD2 blocking peptide
Product Synonym Names	4930529M09Rik; CT46.2; HORM2_HUMAN; HORMA domain containing 2; HORMA domain-containing protein 2; Hormad2; MGC26710; RP23-329P17.4
Antibody/Peptide Pairs	HORMAD2 peptide (MBS9633661) is used for blocking the activity of HORMAD2 antibody (MBS9631278)
Molecular Weight	35,284 Da
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.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HORMAD2 blocking peptide	MBS9633661 is a blocking peptide targeting HORMAD2.
Other Notes	Small volumes of HORMAD2 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 HORMAD2. It may not necessarily be applicable to this product.

NCBI GI #	22749067
NCBI GeneID	150280
NCBI Accession #	NP_689723.1
UniProt Primary Accession #	Q8N7B1
UniProt Secondary Accession #	Q8NHR2; B5MEB2
UniProt Related Accession #	Q8N7B1
GenBank Nucleotide #	NM_152510.3
NCBI Official Full Name	HORMA domain-containing protein 2 isoform a
NCBI Official Synonym Full Names	HORMA domain containing 2
NCBI Official Symbol	HORMAD2
NCBI Official Synonym Symbols	CT46.2
UniProt Protein Name	HORMA domain-containing protein 2
Protein Family	HORMA domain-containing protein
UniProt Gene Name	HORMAD2
NCBI Protein Information	HORMA domain-containing protein 2

UniProt Comments for HORMAD2	Essential for synapsis surveillance during meiotic prophase via the recruitment of ATR activity. Plays a key role in the male mid-pachytene checkpoint and the female meiotic prophase checkpoint: required for efficient build-up of ATR activity on unsynapsed chromosome regions, a process believed to form the basis of meiotic silencing of unsynapsed chromatin (MSUC) and meiotic prophase quality control in both sexes. Required for the DNA double-strand break-independent, BRCA1-dependent activation of ATR on the sex chromosomes that is essential for normal sex body formation ().
Research Articles on HORMAD2	**1.** The variant rs2412971, intronic in HORMAD2 at chromosome 22q12.2, was robustly associated with tonsillectomy.
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