MAGEB1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MAGEB1, Monoclonal Antibody
Full Product Name	MAGEB1 (Melanoma-associated Antigen B1, MAGE-B1 Antigen, MAGE-XP Antigen, DSS-AHC Critical Interval MAGE Superfamily 10, DAM10, Cance
Product Gene Name	anti-MAGEB1 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2A4
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MAGEB1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	39,037 Da
Immunogen	Full length recombinant corresponding to aa1-347 from human MAGEB1 (AAH13772) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MPRGQKSKLRAREKRRKAREETQGLKVAHATAAEKEECPSSSPVLGDTPTSSPAAGIPQKPQGAPPTTTAAAAVSCTESDEGAKCQGEENASFSQATTS
Conjugate	MaxLight650
Product Categories/Family for anti-MAGEB1 antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-MAGEB1 antibody	FLISA, Western Blot (WB)
Application Notes for anti-MAGEB1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MAGEB1 antibody	MAGEB1 is a member of the MAGEB gene family. The members of this family have their entire coding sequences located in the last exon, and the enc testis and in a significant fraction of tumors of various histological types. This gene and other MAGEB members are clustered on chromosome Xp22-p2
Other Notes	Small volumes of anti-MAGEB1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nec

Searchable Terms for MAGEB1 purchase	MBS6223071 is an antibody targeting MAGEB1. Also known as MAGEB1 (Melanoma-associated Antigen B1, MAGE-B1 Antigen, MAGE-XP Antigen, D

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAGEB1. It may not necessarily be applicable to this product.

NCBI GI #	15489350
NCBI GeneID	4112
NCBI Accession #	BC013772
NCBI Related Accession #	AAH13772
UniProt Secondary Accession #	O00601; O75862; Q6FHJ0; Q96CW8; B2RC79
UniProt Related Accession #	P43366
NCBI Official Full Name	Homo sapiens melanoma antigen family B, 1, mRNA
NCBI Official Synonym Full Names	MAGE family member B1
NCBI Official Symbol	MAGEB1
NCBI Official Synonym Symbols	CT3.1; DAM10; MAGEL1; MAGE-Xp
Protein Family	Melanoma-associated antigen
NCBI Protein Information	melanoma-associated antigen B1
NCBI Summary for MAGEB1	This gene is a member of the MAGEB gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 68% sequence identity to each other. The promoters and first exons of the MAGEB genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. This gene is localized in the DSS (dosage-sensitive sex reversal) critical region, and expressed in testis and in a significant fraction of tumors of various histological types. This gene and other MAGEB members are clustered on chromosome Xp22-p21. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene, however, the full length nature of some variants has not been defined. [provided by RefSeq, Jul 2008]
Research Articles on MAGEB1	**1.** Results show that hypertonic culture medium differentially induces the expression of melanoma antigens B1 and B2 (MAGE-B1, -B2) in different human tumor cell lines.
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