FUNDC2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FUNDC2, Monoclonal Antibody
Full Product Name	FUNDC2 (FUN14 Domain Containing 2, DC44, FLJ33773, HCBP6, HCC3, MGC131676, MGC2495, PD03104) (Biotin)
Product Gene Name	anti-FUNDC2 antibody
Product Synonym Names	FUN14 Domain Containing 2; DC44; FLJ33773; HCBP6; HCC3; MGC131676; MGC2495; PD03104
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4D7
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes FUNDC2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions ca be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	20,676 Da
3D Structure	ModBase 3D Structure for Q9BWH2
Immunogen	FUNDC2 (NP_076423.2, 1aa-100aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	METSAPRAGSQVVATTARHSAAYRADPLRVSSRDKLTEMAASSQGNFEGNFESLDLAEFAKKQPWWRKLFGQESGPSAEKYSVATQLFIGGVTGWCTC
Conjugate	Biotin
Product Categories/Family for anti-FUNDC2 antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-FUNDC2 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-FUNDC2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FUNDC2 antibody	MBS6174297 is an antibody targeting FUNDC2. Also known as FUNDC2 (FUN14 Domain Containing 2, DC44, FLJ33773, HCBP6, HCC3, MGC13167 MGC2495, PD03104) (Biotin). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant FUNDC2.

Other Notes	Small volumes of anti-FUNDC2 antibody 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 FUNDC2. It may not necessarily be applicable to this product.

NCBI GI #	24371248
NCBI GeneID	65991
NCBI Accession #	NP_076423.2
UniProt Primary Accession #	Q9BWH2
UniProt Secondary Accession #	Q8NHX8; Q9H2I6; B2R7W5; D3DWY5
UniProt Related Accession #	Q9BWH2
GenBank Nucleotide #	NM_023934.3
NCBI Official Full Name	FUN14 domain-containing protein 2
NCBI Official Synonym Full Names	FUN14 domain containing 2
NCBI Official Symbol	FUNDC2
NCBI Official Synonym Symbols	DC44; HCC3; HCBP6; PD03104
UniProt Protein Name	FUN14 domain-containing protein 2
UniProt Synonym Protein Names	Cervical cancer proto-oncogene 3 protein; HCC-3; Hepatitis C virus core-binding protein 6
Protein Family	FUN14 domain-containing protein
UniProt Gene Name	FUNDC2
UniProt Synonym Gene Names	HCBP6; DC44; HCC3; PD03104; HCC-3
UniProt Entry Name	FUND2_HUMAN
NCBI Protein Information	FUN14 domain-containing protein 2; HCC-3; cervical cancer oncogene 3; cervical cancer proto-oncogene 3 protein; hepatitis C virus core-binding protein 6
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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