PIBF1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PIBF1, Monoclonal Antibody
Full Product Name	PIBF1 (Progesterone immunomodulatory Binding Factor 1, C13orf24, KIAA1008, PIBF, RP11-505F3.1) (MaxLight 405)
Product Gene Name	anti-PIBF1 antibody
Product Synonym Names	Progesterone immunomodulatory Binding Factor 1; C13orf24; KIAA1008; PIBF; RP11-505F3.1
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	7A3
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified
Specificity	Recognizes PIBF1.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	83 kDa
OMIM	607532
3D Structure	ModBase 3D Structure for Q8WXW3
Immunogen	PIBF1 (NP_006337, 660aa-755aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EKSALLQTKNQMALDLEQLLNHREELAAMKQILVKMHSKHSENSLLLTKTEPKHVTENQKSKTLNVPKEHEDNIFTPKPTLFTKKEAPEWSKKQKM
Conjugate	MaxLight405
Product Categories/Family for anti-PIBF1 antibody	Antibodies; Hormones; Steroids
Applications Tested/Suitable for anti-PIBF1 antibody	FLISA, Western Blot (WB)
Application Notes for anti-PIBF1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PIBF1 antibody	MBS6197228 is an antibody targeting PIBF1. Also known as PIBF1 (Progesterone immunomodulatory Binding Factor 1, C13orf24, KIAA1008, PIBF, RP11-505F3.1) (MaxLight 405). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant PIBF1.

Other Notes	Small volumes of anti-PIBF1 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 PIBF1. It may not necessarily be applicable to this product.

NCBI GI #	5576958
NCBI GeneID	10464
NCBI Accession #	NP_006337
UniProt Primary Accession #	Q8WXW3
UniProt Secondary Accession #	O95664; Q6U9V2; Q6UG50; Q86V07; Q96SF4
UniProt Related Accession #	Q8WXW3
NCBI Official Full Name	AV194806 Yuji Kohara unpublished cDNA:Strain N2 hermaphrodite embryo Caenorhabditis elegans cDNA clone yk634a12 5-, mRNA sequence
NCBI Official Synonym Full Names	progesterone immunomodulatory binding factor 1
NCBI Official Symbol	PIBF1
NCBI Official Synonym Symbols	PIBF; CEP90; C13orf24
UniProt Protein Name	Progesterone-induced-blocking factor 1
Protein Family	Progesterone-induced-blocking factor
UniProt Gene Name	PIBF1
UniProt Synonym Gene Names	C13orf24; PIBF
UniProt Entry Name	PIBF1_HUMAN
NCBI Protein Information	progesterone-induced-blocking factor 1; progesterone-induced blocking factor 1
UniProt Comments for PIBF1	PIBF1: Mediator of progesterone that by acting on the phospholipase A2 enzyme interferes with arachidonic acid metabolism, induces a Th2 biased immune response, and by controlling NK activity exerts an anti-abortive effect. 3 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 13q22.1 Cellular Component: centrosome Molecular Function: protein binding
Research Articles on PIBF1	**1.** progesterone-induced blocking factor is intracellularly expressed by the cultured cells from Glioblastoma
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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