CYFIP2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CYFIP2, Monoclonal Antibody
Full Product Name	CYFIP2 (Cytoplasmic FMR1-interacting Protein 2, p53-inducible Protein 121, KIAA1168, PIR121) (MaxLight 490)
Product Gene Name	anti-CYFIP2 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4G6
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CYFIP2.
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: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	145,673 Da
Immunogen	Partial recombinant corresponding to aa733-821 from human CYFIP2 (NP_055191) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	YGVIIPYPPSNRYETLLKQRHVQLLGRSIDLNRLITQRISAAMYKSLDQAISRFESEDLTSIVELEWLLEINRLTHRLLCKHMTLDSF*
Conjugate	MaxLight490
Product Categories/Family for anti-CYFIP2 antibody	Antibodies; KIAA; orf
Applications Tested/Suitable for anti-CYFIP2 antibody	FLISA, Western Blot (WB)
Application Notes for anti-CYFIP2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CYFIP2 antibody	Involved in T-cell adhesion and p53/TP53-dependent induction of apoptosis. Does not bind RNA.
Other Notes	Small volumes of anti-CYFIP2 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.
Searchable Terms for CYFIP2 purchase	MBS6200367 is an antibody targeting CYFIP2. Also known as CYFIP2 (Cytoplasmic FMR1-interacting Protein 2, p53-inducible Protein 121, KIAA1168, PIR121) (MaxLight 490). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYFIP2. It may not necessarily be applicable to this product.

NCBI GI #	82617630

NCBI GeneID	26999
NCBI Accession #	NP_055191
UniProt Secondary Accession #	Q53EN5; Q9NTK4; Q9ULQ2; Q9UN29; A6NLT2; D3DQJ3
UniProt Related Accession #	Q96F07
GenBank Nucleotide #	NM_014376
NCBI Official Full Name	cytoplasmic FMR1-interacting protein 2 isoform a
NCBI Official Synonym Full Names	cytoplasmic FMR1 interacting protein 2
NCBI Official Symbol	CYFIP2
NCBI Official Synonym Symbols	PIR121
Protein Family	Cytoplasmic FMR1-interacting protein
NCBI Protein Information	cytoplasmic FMR1-interacting protein 2
Research Articles on CYFIP2	**1.** Increased expression of the cytoplasmic FMR1-interacting protein 2 (CYFIP2), a known FMRP interactor, is detected in fragile X syndrome.
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