ANR49 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ANR49, Polyclonal Antibody
Full Product Name	ANR49, ID (ANKRD49, FGIF, Ankyrin repeat domain-containing protein 49, Fetal globin-inducing factor) (MaxLight 550)
Product Gene Name	anti-ANR49 antibody
Product Synonym Gene Name	ANKRD49
Product Synonym Names	ANKRD49; FGIF; Ankyrin repeat domain-containing protein 49; Fetal globin-inducing factor
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	27,290 Da
3D Structure	ModBase 3D Structure for Q8WVL7
Immunogen	ANR49 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between amino acid 90-120 from the Central region of human ANR49.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-ANR49 antibody	Antibodies; Ankyrin Repeat Proteins
Applications Tested/Suitable for anti-ANR49 antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-ANR49 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-ANR49 antibody	MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (550nm); Emission (575nm); Extinction Coefficient 150,000.
Product References and Citations for anti-ANR49 antibody	Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009). Blau, C.A., et al. J. Biol. Chem. 280(44):36642-36647(2005). Pitts, S.A., et al. Hum. Mol. Genet. 10(11):1155-1162(2001). Yang, Y., et al. Blood Cells Mol. Dis. 27(1):1-15(2001).

Other Notes	Small volumes of anti-ANR49 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 ANR49 purchase	MBS6273902 is an antibody targeting ANR49. Also known as ANR49, ID (ANKRD49, FGIF, Ankyrin repeat domain-containing protein 49, Fetal globin-inducing factor) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANR49. It may not necessarily be applicable to this product.

NCBI GI #	41350198
NCBI GeneID	54851
NCBI Accession #	NP_060174
UniProt Primary Accession #	Q8WVL7
UniProt Secondary Accession #	Q8NDF2; Q96JE5; Q9NXK7
UniProt Related Accession #	Q8WVL7
GenBank Nucleotide #	NM_017704.2
NCBI Official Full Name	ankyrin repeat domain-containing protein 49
NCBI Official Synonym Full Names	ankyrin repeat domain 49
NCBI Official Symbol	ANKRD49
NCBI Official Synonym Symbols	FGIF; GBIF
UniProt Protein Name	Ankyrin repeat domain-containing protein 49
UniProt Synonym Protein Names	Fetal globin-inducing factor
UniProt Gene Name	ANKRD49
UniProt Synonym Gene Names	FGIF
UniProt Entry Name	ANR49_HUMAN
NCBI Protein Information	ankyrin repeat domain-containing protein 49
Research Articles on ANR49	**1.** Observational study of gene-disease association. (HuGE Navigator)
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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