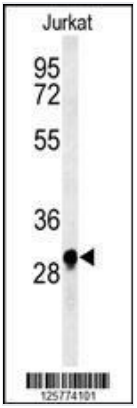
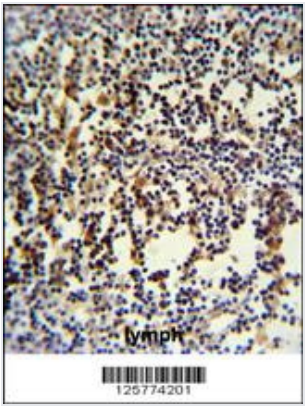
ANR49 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

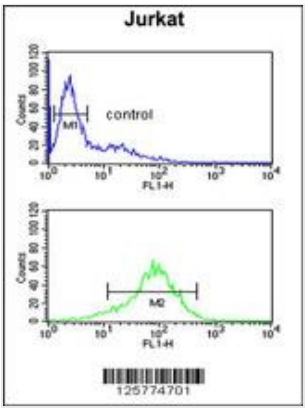
Product Name	ANR49, Polyclonal Antibody
Full Product Name	ANR49, ID (ANKRD49, FGIF, Ankyrin repeat domain-containing protein 49, Fetal globin-inducing factor) (Biotin)
Product Gene Name	anti-ANR49 antibody
Product Synonym Gene Name	ANKRD49
Product Synonym Names	ANKRD49; FGIF; Ankyrin repeat domain-containing 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 Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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 store 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 can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and 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	Biotin
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), ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-ANR49 antibody	FC/FACS: 1:10-50 ELISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-ANR49 antibody	MBS6273897 is an antibody targeting ANR49. Also known as ANR49, ID (ANKRD49, FGIF, Ankyrin repeat domain-containing protein 49, Fetal globin-inducing factor) (Biotin). Reactive in Human. Host: Rabbit.
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.



Western Blot (WB) of anti-ANR49 antibody
Western blot analysis of ANR49 Antibody (Center) in Jurkat cell line lysates (35ug/lane). ANR49 (arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-ANR49 antibody
ANR49 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded human lymph carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ANR49 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-ANR49 antibody
ANR49 Antibody (Center) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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)
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