ZNF224 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZNF224, Polyclonal Antibody
Full Product Name	ZNF224 Antibody, FITC conjugated
Product Gene Name	anti-ZNF224 antibody
Product Synonym Names	Zinc finger protein 224; Bone marrow zinc finger 2; BMZF-2; Zinc finger protein 233; Zinc finger protein 255; Zinc finger protein 27; Zinc finger protein KOX22; ZNF224; BMZF2; KOX22; ZNF233; ZNF255; ZNF27
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ZNF224 (MBS7110047) FITC Conjugated Antibody: ZNF224 (MBS7110049)
Molecular Weight	82,280 Da
OMIM	AF187990 mRNA
3D Structure	ModBase 3D Structure for Q9NZL3
Immunogen	Recombinant Human Zinc finger protein 224 protein (477-607AA)
Conjugation	FITC
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ZNF224 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ZNF224 antibody	ELISA (EIA)
Related Product Information for anti-ZNF224 antibody	May be involved in transcriptional regulation as a transcriptional repressor. The DEPDC1A-ZNF224 complex may play a critical role in bladder carcinogenesis by repressing the transcription of the A20 gene, leading to transport of NF-KB protein into the nucleus, resulting in suppression of apoptosis of bladder cancer cells.
Other Notes	Small volumes of anti-ZNF224 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 ZNF224 purchase	MBS7110049 is an antibody targeting ZNF224. Also known as ZNF224 Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF224. It may not necessarily be applicable to this product.

NCBI GI #	1011750815
NCBI GeneID	7767
NCBI Accession #	NP_001308574.1
UniProt Primary Accession #	Q9NZL3
UniProt Secondary Accession #	P17033; Q86V10; Q8IZC8; Q9UID9; Q9Y2P6; A6NFW9
UniProt Related Accession #	Q9NZL3
GenBank Nucleotide #	NM_001321645.1
NCBI Official Full Name	zinc finger protein 224
NCBI Official Synonym Full Names	zinc finger protein 224
NCBI Official Symbol	ZNF224
NCBI Official Synonym Symbols	BMZF2; KOX22; ZNF27; BMZF-2; ZNF233; ZNF255
UniProt Protein Name	Zinc finger protein 224
UniProt Synonym Protein Names	Bone marrow zinc finger 2; BMZF-2; Zinc finger protein 233; Zinc finger protein 255; Zinc finger protein 27; Zinc finger protein KOX22
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF224
UniProt Synonym Gene Names	BMZF2; KOX22; ZNF233; ZNF255; ZNF27; BMZF-2
NCBI Protein Information	zinc finger protein 224
NCBI Summary for ZNF224	This gene encodes a member of the Krueppel C2H2-type zinc-finger family of proteins. The encoded protein represses transcription of the aldolase A gene, which encodes a key enzyme in glycolysis. The encoded zinc-finger protein may also function as a transcriptional co-activator with Wilms' tumor protein 1 to regulate apoptotic genes in leukemia. [provided by RefSeq, Jul 2016]
Research Articles on ZNF224	**1.** The analyses using human breast ductal carcinoma tissues exhibited that the expression of ZNF224 and miR-663a was increased in cancer compared to non-cancer region.
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