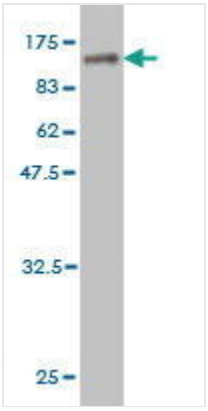
ZSCAN12 Antibody – Mouse Monoclonal

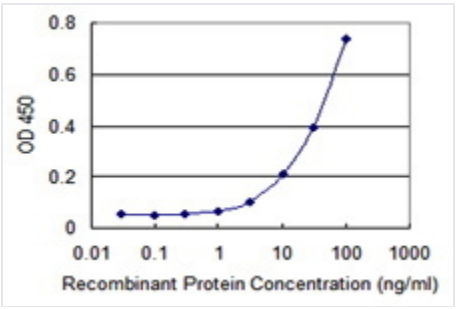
PRODUCT OVERVIEW

Product Name	ZNF96 (ZSCAN12), Monoclonal Antibody
Full Product Name	ZNF96 (Zinc Finger Protein 96, KIAA0426, Zinc Finger and SCAN Domain-containing Protein 12, ZSCAN12, Zinc Finger Protein 305, ZNF305)
Product Gene Name	anti-ZSCAN12 antibody
Product Synonym Names	Anti -ZNF96 (Zinc Finger Protein 96, KIAA0426, Zinc Finger and SCAN Domain-containing Protein 12, ZSCAN12, Zinc Finger Protein 305, ZNF305)
Immunogen Sequence	MASTWAIQAH MDQDEPLEVK IEEEKYTTRQ DWDLRKNNTH SREVFRQYFR QFCYQETSGP REALSRLREL CHQWLRPETH TKEQILELLV LEQFLTILPE ELQAWVQEQH PESGEEVVTV LEDLERELDE PGEQVSVHTG EQEMFLQETV RLRKEGEPSM SLQSMKAQPK YESPELESQQ EQVLDVETGN EYGNLKQEVS EEMEPHGKTS SKFENDMSKS ARCGETREPE EITEEPSACS REDKQPTCDE NGVSLTENSD HTEHQRICPG EESYGCDDCG KAFSQHSHLI EHQRIHTGDR PYKCEECGKA FRGRTVLIRH KIIHTGEKPY KCNECGKAFG RWSALNQHQR LHTGEKHYHC NDCGKAFSQK AGLFHHIKIH TRDKPYQCTQ CNKSFSRRSI LTQHQGVHTG AKPYECNECG KAFVYNSSLV SHQEIHHKEK CYQCKECGKS FSQSGLIQHQ RIHTGEKPYK CDVCEKAFIQ RTSLTEHQRI HTGERPYKCD KCGKAFTQRS VLTEHQRIHT GERPYKCDEC GNAFRGITSL IQHQRIHTGE KPYQCDECGK AFRQRKKTSY KEILLKNHSE PQAGVNLLLS SLIPEWQSCF RRDL
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3E4
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human ZNF96.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	70,222 Da
Chromosome Location	Chromosome: 6; NC_000006.11 (28346598..28367544, complement). Location: 6p21
OMIM	603978
3D Structure	ModBase 3D Structure for O43309
Immunogen	Full length recombinant corresponding to aa1-604 from ZNF96 (AAH41661) with GST tag. MW of the GST tag alone is 26kD.
Product Categories/Family for anti-ZSCAN12 antibody	Antibodies; Abs to Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-ZSCAN12 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-ZSCAN12 antibody	Suitable for use in ELISA and Western Blot.

Related Product Information for anti-ZSCAN12 antibody	MBS644871 is an antibody targeting ZSCAN12. Also known as ZNF96 (Zinc Finger Protein 96, KIAA0426, Zinc Finger and SCAN Domain-containing Protein 12, ZSCAN12, Zinc Finger Protein 305, ZNF305). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-ZSCAN12 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-ZSCAN12 antibody
Western Blot detection against Immunogen (91.96kD).



Testing Data of anti-ZSCAN12 antibody
Detection limit for recombinant GST tagged ZSCAN12 is 1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZSCAN12. It may not necessarily be applicable to this product.

NCBI GI #	254281232
NCBI GeneID	9753
NCBI Accession #	NP_001156863.1
UniProt Primary Accession #	O43309
UniProt Secondary Accession #	O43724
UniProt Related Accession #	O43309
GenBank Nucleotide #	NM_001163391.1
NCBI Official Full Name	zinc finger and SCAN domain-containing protein 12
NCBI Official Synonym Full Names	zinc finger and SCAN domain containing 12
NCBI Official Symbol	ZSCAN12
NCBI Official Synonym Symbols	ZFP96; ZNF96; ZNF305; ZNF29K1; dJ29K1.2
UniProt Protein Name	Zinc finger and SCAN domain-containing protein 12
UniProt Synonym Protein Names	Zinc finger protein 305; Zinc finger protein 96
Protein Family	Zinc finger and SCAN domain-containing protein
UniProt Gene Name	ZSCAN12
UniProt Synonym Gene Names	KIAA0426; ZNF305; ZNF96
UniProt Entry Name	ZSC12_HUMAN
NCBI Protein Information	zinc finger and SCAN domain-containing protein 12; zinc finger protein 96; zinc finger protein 305

UniProt Comments for ZSCAN12	ZSCAN12: May be involved in transcriptional regulation. Belongs to the krueppel C2H2-type zinc-finger protein family. Protein type: Transcription factor; DNA-binding; C2H2-type zinc finger protein Chromosomal Location of Human Ortholog: 6p21 Cellular Component: nucleus Molecular Function: DNA binding; metal ion binding; transcription factor activity Biological Process: transcription, DNA-dependent; regulation of transcription, DNA-dependent
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