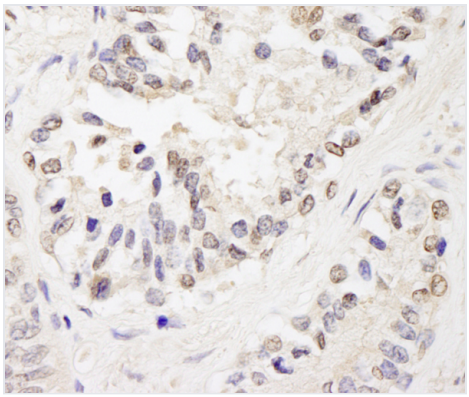
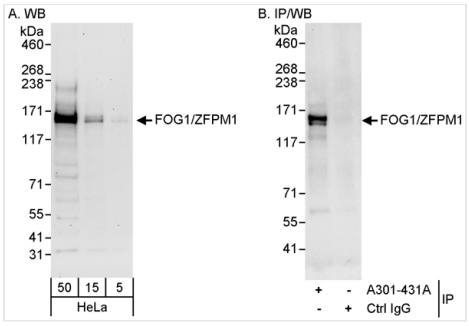
FOG1/ZFPM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FOG1/ZFPM1, Polyclonal Antibody
Full Product Name	Rabbit anti-FOG1/ZFPM1 Antibody, Affinity Purified
Product Gene Name	anti-FOG1/ZFPM1 antibody
Product Synonym Gene Name	ZFPM1
Product Synonym Names	friend of GATA protein 1; ZNF89A; ZNF408; zinc finger protein, multitype 1; zinc finger protein ZFPM1; Zinc finger protein multitype 1; ZC2HC11A; friend of GATA 1; FOG-1; FOG1; FOG; zinc finger protein 89A; Zinc finger protein ZFPM1; zinc finger protein, FOG family member 1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	200ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	104,888 Da
OMIM	601950
3D Structure	ModBase 3D Structure for Q8IX07
Immunogen	Between 175 and 225
Conjugation	Unconjugated
Product Categories/Family for anti-FOG1/ZFPM1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-FOG1/ZFPM1 antibody	Western Blot (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC)
Application Notes for anti-FOG1/ZFPM1 antibody	WB: 1:2000-1:10,000 IP: 6ug/mg lysate IHC: 1:100-1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Related Product Information for anti-FOG1/ZFPM1 antibody	FOG1/ZFPM1 was identified in a yeast two-hybrid screen for GATA-1 interacting proteins. GATA-1 is zinc finger transcription factor whose expression is restricted to hematopoietic cells and plays and essential role in erythroid development. FOG1/ZFPM1 is highly expressed in erythroid cells and megakaryocytes and appears to play both a GATA-1-dependent and-independent role in erythropoiesis and megakaryopoiesis. FOG1/ZFPM1 associates with GATA-1 as well as GATA-2 and GATA-3 as a heterodimer to activate or repress transcription.
Other Notes	Small volumes of anti-FOG1/ZFPM1 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 FOG1/ZFPM1 purchase	MBS3901926 is an antibody targeting FOG1/ZFPM1. Also known as Rabbit anti-FOG1/ZFPM1 Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-FOG1/ZFPM1 antibody
Detection of human FOG1/ZFPM1 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-FOG1/ZFPM1 (Cat. No. MBS3901926) used at a dilution of 1:200 (1ug/ml). Detection: DAB



Western Blot (WB) of anti-FOG1/ZFPM1 antibody
Detection of human FOG1/ZFPM1 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-FOG1/ZFPM1 antibody MBS3901926 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOG1/ZFPM1. It may not necessarily be applicable to this product.

NCBI GI #	110556644
NCBI GeneID	161882
NCBI Accession #	NP_722520.2
UniProt Primary Accession #	Q8IX07
UniProt Related Accession #	Q8IX07
GenBank Nucleotide #	NM_153813.2
NCBI Official Full Name	zinc finger protein ZFPM1
NCBI Official Synonym Full Names	zinc finger protein, FOG family member 1
NCBI Official Symbol	ZFPM1
NCBI Official Synonym Symbols	FOG; FOG1; ZNF408; ZNF89A; ZC2HC11A
UniProt Protein Name	Zinc finger protein ZFPM1
UniProt Synonym Protein Names	Friend of GATA protein 1; FOG-1; Friend of GATA 1; Zinc finger protein 89A; Zinc finger protein multitype 1
UniProt Gene Name	ZFPM1
UniProt Synonym Gene Names	FOG1; ZFN89A; FOG-1; Friend of GATA 1
UniProt Entry Name	FOG1_HUMAN
NCBI Protein Information	zinc finger protein ZFPM1; FOG-1; friend of GATA 1; friend of GATA-1; zinc finger protein 89A; friend of GATA protein 1; zinc finger protein, multitype 1
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