

Mouse anti-Human GATA2 Monoclonal Antibody | anti-GATA2 antibody

GATA2 (Endothelial Transcription Factor GATA-2, GATA-binding Protein 2, MGC2306) (AP)

CATALOG # AAA24221	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
------------------------------	----------------------	----------------------------	--

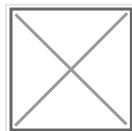
PRODUCT SYNONYMS

GATA2; Monoclonal Antibody; GATA2 (Endothelial Transcription Factor GATA-2; GATA-binding Protein 2; MGC2306) (AP); anti-GATA2 antibody

PRODUCT SPECIFICATIONS

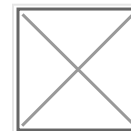
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2D11
Specificity	Recognizes human GATA2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Sequence Length	2549
Applicable Applications for anti-GATA2 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-102 from human GATA2 (AAH18988) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MEVAPEQPRWMAHPAVLNAQHPDSHHPLAHNYMEPAQLLPDEVDVFFNHLDSQGNPPYANPAHARARVSYSPA HARLTGGQMCRPHLLHSPGLPV
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. 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. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



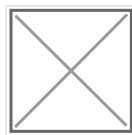
WB (Western Blot)

Western blot analysis of GATA2 over-expressed 293 cell line, cotransfected with GATA2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with GATA2 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

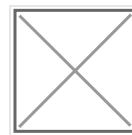


Application Data

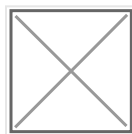
Detection limit for recombinant GST tagged GATA2 is ~0.03ng/ml as a capture antibody.

**IF (Immunofluorescence)**

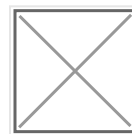
Immunofluorescence of monoclonal antibody to GATA2 on HeLa cell. [antibody concentration 10ug/ml].

**WB (Western Blot)**

Western Blot analysis of GATA2 expression in transfected 293T cell line by GATA2 monoclonal antibody. Lane 1: GATA2 transfected lysate (50.5kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

GATA2 monoclonal antibody, Western Blot analysis of GATA2 expression in HeLa NE.

**WB (Western Blot)**

Western Blot detection against Immunogen (36.96kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-GATA2 antibody

[Antibodies](#); [Transcription Factors](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	33874100
NCBI GeneID	2624
NCBI Official Full Name	Homo sapiens GATA binding protein 2, mRNA
NCBI Official Synonym Full Names	GATA binding protein 2
NCBI Official Symbol	GATA2
NCBI Official Synonym Symbols	DCML; IMD21; NFE1B; MONOMAC
NCBI Protein Information	endothelial transcription factor GATA-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/gata2-antibody-clone-2d11-western-blot-elisa/24221>