Human GATA-5 Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2170G
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GATA-5 in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human (rh) GATA-1, rhGATA-2, rhGATA-3, rhGATA-4, and rhGATA-6 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human GATA-5 Met1-Ala397 Accession # Q9BWX5
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Chromatin Immunoprecipitation (ChIP)	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

GATA-5 belongs to the GATA family of transcription factors which bind to the consensus DNA sequence (AIT) GATA (AIG) to control diverse tissue-specific programs of gene expression and morphogenesis. GATA5 is important in the development and differentiation of endoderm-derived organs, including heart and gastrointestinal tissues. GATA-5 has also been implicated in cancer development (1, 2).

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