

Datasheet for ABIN932509 **anti-GATA2 antibody**



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Overview

Quantity:	50 µg
Target:	GATA2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GATA2 antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	GATA2 antibody was raised in mouse using recombinant Human Gata Binding Protein 2
Clone:	353C5a
Isotype:	IgG2b
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	GATA2
Alternative Name:	GATA2 (GATA2 Products)
Background:	The GATA family of transcription factors, which contain zinc fingers in their DNA binding

Target Details

domain, have emerged as candidate regulators of gene expression in hematopoietic cells. GATA1 is essential for normal primitive and definitive erythropoiesis and is expressed at high levels in erythroid cells, mast cells, and megakaryocytes. GATA2 is expressed in hematopoietic progenitors, including early erythroid cells, mast cells, and megakaryocytes, and also in nonhematopoietic embryonic stem cells. In chicken erythroid progenitors, forced expression of GATA2 promotes proliferation at the expense of differentiation. GATA3 expression is restricted to T-lymphoid cells and some nonhematopoietic cell types, including embryonic stem cells. Synonyms: Monoclonal GATA2 antibody, Anti-GATA2 antibody, GATA binding protein 2 antibody, MGC2306 antibody, NFE1B antibody.

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: GATA2 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂PO₄, 140 mM NaCl, 8.0 mM Na₂HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.