

Anti-GATA1 Rabbit Monoclonal Antibody

Catalog Number: M00408

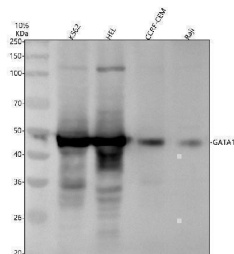
Overview

Product Name	Anti-GATA1 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-GATA1 Rabbit Monoclonal Antibody catalog # M00408. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal ABCB-7
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P15976

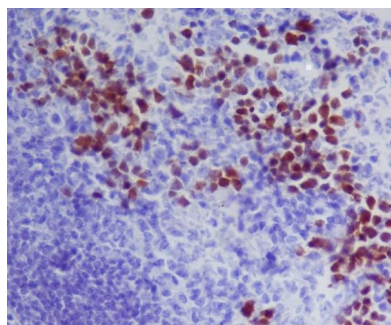
Technical Details

Immunogen	A synthesized peptide derived from human GATA1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 IP 1:20

Anti-GATA1 Rabbit Monoclonal Antibody (M00408) Images



Western blot analysis of GATA1 using anti-GATA1 antibody (M00408). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human K562 whole cell lysates, Lane 2: human HEL whole cell lysates, Lane 3: human CCRF-CEM whole cell lysates, Lane 4: human Raji whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-GATA1 antigen affinity purified monoclonal antibody (M00408) at 1: 500 overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for GATA1 at approximately 43 kDa. The expected band size for GATA1 is at 43 kDa.



Immunohistochemical analysis of paraffin-embedded mouse spleen, using GATA1 Antibody.

1 Publications Citing This Product

1. PubMed ID: 30738249, Zhang J, Zhuang R, Zhang X, Hu W, Cheng K, Jiang D, Shen S, Zhang Y, Ding Y, Zhang Y. CD226 is involved in megakaryocyte activation and early-stage differentiation. *Mol Immunol.* 2019 Mar;107:123-131. doi:10.1016/j.molimm.2019.01.013. Epub 2019 Feb 6. PMID:30738249.

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