



# Rabbit Anti-Human GATA1 monoclonal antibody, clone 5I26M6 (CABT-L1316)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	GATA1
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 1-200 of human GATA1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	5I26M6
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

**Introduction**

Globin transcription factor (GATA) is a family of proteins that play a very important role in translating various signaling pathways which control the erythroid progenitor cells; to proliferate and differentiate. There are 6 transcription factors in the GATA family from GATA1 to GATA 6 of which GATA 1 plays a key role in the blood cell differentiation. To facilitate differentiation of red blood cells; GATA 1 along with binding to DNA also interacts with other regulatory proteins. GATA proteins have a high affinity to bind to DNA that show the [AT]GATA[AG] sequence. GATA 1 is found on the X chromosome.

**Keywords**

GATA1;GATA binding protein 1 (globin transcription factor 1);GF1;GF-1;NFE1;XLTT;ERYF1;NF-E1;XLANP;XLTDA

## GENE INFORMATION

**Entrez Gene ID**

[2623](#)

**UniProt ID**

[P15976](#)