



Anti-GATA5 monoclonal antibody (DCABH-11684)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity.
Immunogen	A synthetic peptide of human GATA5 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [GATA5 GATA binding protein 5 \[Homo sapiens \]](#)

Official Symbol	GATA5
Synonyms	GATA5; GATA binding protein 5; transcription factor GATA-5; bB379O24.1; GATA binding factor-5; GATA-binding factor 5; GATA-binding protein 5;
Entrez Gene ID	140628
Protein Refseq	NP_536721
UniProt ID	Q9BWX5
Chromosome Location	20q13.33
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	enhancer sequence-specific DNA binding; metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription