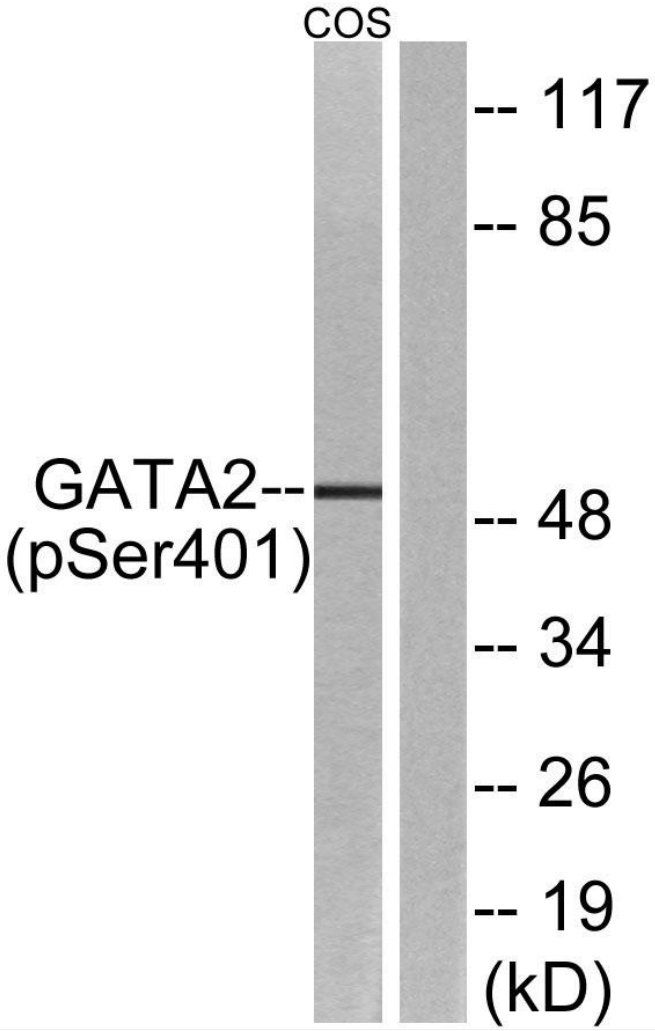
GATA-2 (phospho Ser401) Monoclonal Antibody

Catalog No	YP-mAb-01303
Isotype	IgG
Reactivity	Human;Monkey
Applications	WB
Gene Name	GATA2
Protein Name	Endothelial transcription factor GATA-2
Immunogen	The antiserum was produced against synthesized peptide derived from human GATA2 around the phosphorylation site of Ser401. AA range:367-416
Specificity	Phospho-GATA-2 (S401) Monoclonal Antibody detects endogenous levels of GATA-2 protein only when phosphorylated at S401.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GATA2; Endothelial transcription factor GATA-2; GATA-binding protein 2
Observed Band	50kD
Cell Pathway	Nucleus.
Tissue Specificity	Endothelial cells.
Function	function:Transcriptional activator which regulates endothelin-1 gene expression in endothelial cells. Binds to the consensus sequence 5'-AGATAG-3'.,sequence caution:Several sequencing errors.,similarity:Contains 2 GATA-type zinc fingers.,tissue specificity:Endothelial cells.,
Background	This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GATA-2 (phospho Ser401) Monoclonal Antibody