

Phospho-GATA3 (Ser308) Antibody

Cat.#: AF3233
 Size: 100ul,200ul

Concn.: 1mg/ml
 Source: Rabbit

Mol.Wt.: 47kDa
 Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000, ELISA(peptide) 1:20000-1:40000

Reactivity: Human,Mouse,Rat

Purification: The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Specificity: Phospho-GATA3 (Ser308) Antibody detects endogenous levels of GATA3 only when phosphorylated at Serine 308.

Immunogen: A synthesized peptide derived from human GATA3 around the phosphorylation site of Ser308.

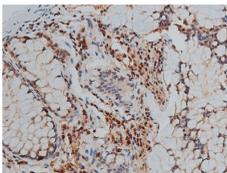
Uniprot: P23771

Description: GATA3 is a transcriptional activator which binds to the enhancer of the T cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'.

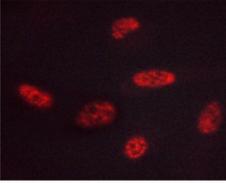
Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of GATA3 phosphorylation expression in rat spleen tissue lysates,The lane on the right was treated with the antigen-specific peptide.



AF3233 at 1/50 staining human colon cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



AF3233 staining HUVEC cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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