

## GATA1 (Phospho-Ser310) Antibody

**Catalog Number:** E011042-1, E011042-2 **Amount:** 50μg/50μl, 100μg/100μl

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl,

0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20 / Cyear

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human

GATA1 around the phosphorylation site of serine 310 (K-A-S<sup>P</sup>-G-K).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: GATA1 (phospho-Ser310) antibody detects endogenous levels of GATA1 only when

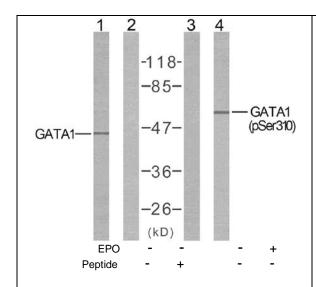
phosphorylated at serine 310.

Reactivity: Human, Mouse, Rat

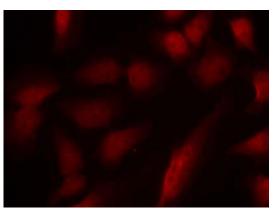
**Applications:** WB: 1:500~1:1000 IF:1:100~1:200

Swiss-Prot No.: P15976

References: Kadri Z, et al.(2005)Mol Cell Biol 2005 Sep; 25(17): 7412-22.



Western blot analysis of extract from COS7 cells untreated or treated with EPO using GATA1 (Ab-310) antibody (E021042, Line 1 and 2) and GATA1 (phospho-Ser310) antibody (E011042, Line 3 and 4).



Immunofluorescence staining of methanol-fixed HeLa cells using GATA1 (phospho-Ser310) antibody (E011042, Red).