

JAK2(R683G)**JAK2(R683G)**

货号: 26314

规格: 100 µL

基因符号: JAK2, JTK10, THCYT3

描述: JAK2(R683G) 小鼠单克隆抗体

背景: JAK2 is a non-receptor tyrosine kinase. It is a member of the Janus kinase family and has been implicated in signaling by members of the type II cytokine receptor family, the GM-CSF receptor family, the gp130 receptor family, and the single chain receptors. JAK2 orthologs have been identified in all mammals for which complete genome data are available. Mutations of JAK2 have been implicated in polycythemia vera, essential thrombocythemia, and myelofibrosis as well as other myeloproliferative disorders.

免疫原: A synthetic peptide from the internal region of JAK2 which includes the mutation of R683G, human origin.

经过测试的应用: ELISA, WB, IHC

推荐稀释度:

ELISA: 1:1000-1:2000

WB: 1:500-1:1000

IHC: 1:50-1:100

浓度: 0.5 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

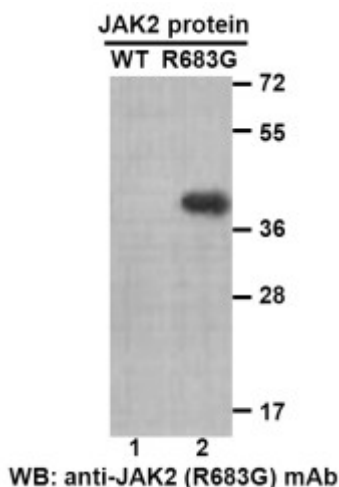
纯化: Purified from ascites

Preservative: No

成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes R683G mutant, but not wild type JAK2 of vertebrates.

储存条件: Store at -20°C. Avoid repeated freezing and thawing

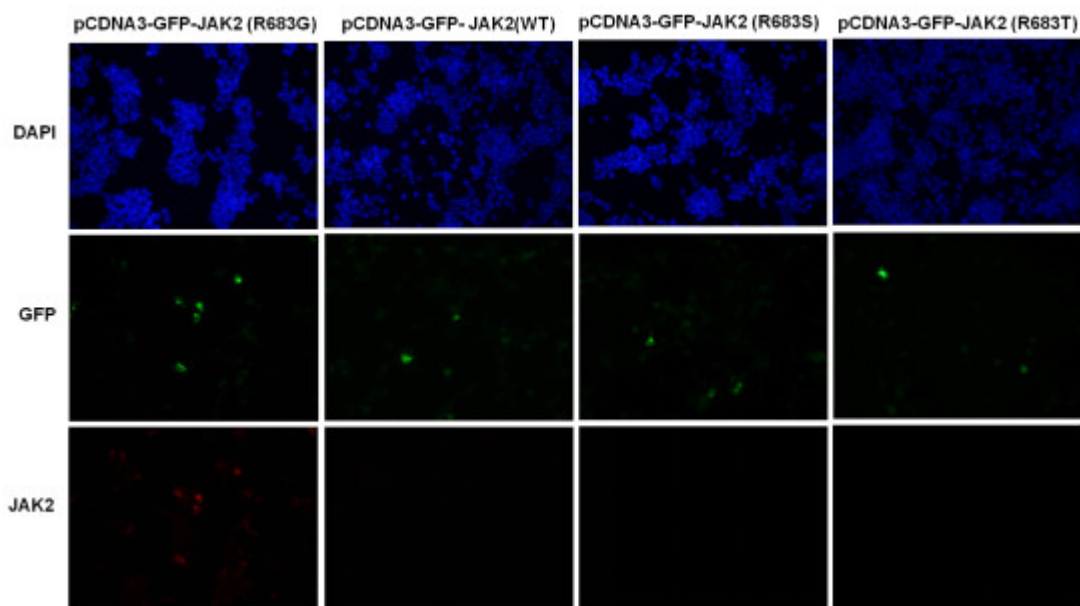


Western blot:

Western blot analysis of recombinant JAK2(R683G) and wild type proteins.

Purified His-tagged JAK2(R683G) protein (lane2) and corresponding wild type protein (lane1) were blotted with JAK2(R683G) monoclonal antibody (货号26314).

Immunofluorescence:



Immunofluorescence of cells expressing JAK2 proteins with JAK2(R683G) antibody.

HEK293T cells were transfected with pCDNA3-GFP-JAK2(R683G) plasmid, pCDNA3-GFP-JAK2 (WT) plasmid, pCDNA3-GFP-JAK2 (R683S) plasmid or pCDNA3-GFP-JAK2 (R683T) plasmid, then fixed and stained with JAK2(R683G) monoclonal antibody (货号26314).