

TYK2 (V1048) polyclonal antibody

Catalog: BS3713

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Tyk 2 belongs to the family of non-receptor janus tyrosine kinases, which regulate a spectrum of cellular functions occurring downstream of activated cytokine receptors in the lympho-hematopoietic system. Immunological stimuli, such as interferons and cytokines, recruit STAT transcription factors to the cytokine receptor where Tyk 2 is associated. Tyk 2 then phosphorylates proximal STAT factors, which subsequently dimerize, translocate to the nucleus, and bind to cis elements upstream of target gene promoters to regulating transcription. The canonical JAK-STAT pathway is integral to maintaining a normal immune system by stimulating proliferation, differentiation, survival, and host resistance to pathogens. Cytokine induced pro-inflammatory responses are attractive targets for anti-inflammatory therapies, specifically at the level of Jak-STAT signaling.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 120 kDa

Swiss-Prot:

P29597

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IF: 1:50~1:200

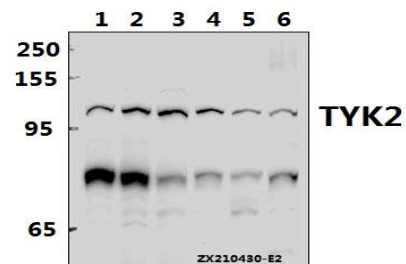
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Tyk 2 (V1048) polyclonal antibody detects endogenous levels of Tyk 2 protein.

DATA:

Western blot (WB) analysis of TYK2 (V1048) polyclonal antibody at 1:500 dilution

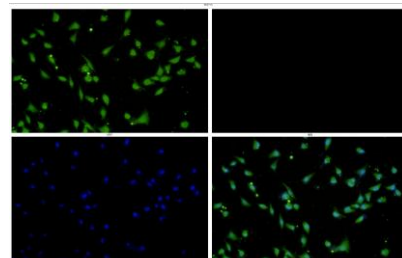
Lane1:PC3 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:MCF-7 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)



Immunofluorescence analysis of PC3 cells using TYK2 (V1048) antibody at dilution of 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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