

10-6614: Mouse Monoclonal Antibody to STAT3 (Clone: 1200CT146.104.153)(Discontinued)

Clonality :	Monoclonal
Clone Name :	1200CT146.104.153
Application :	WB
Reactivity :	Human
Gene :	STAT3
Gene ID :	6774
Uniprot ID :	P40763
Format :	Purified
Alternative Name :	Signal transducer and activator of transcription 3, Acute-phase response factor, STAT3, APRF
Isotype :	Mouse IgG2a,Kappa
Immunogen Information :	Recombinant Protein

Description

Signal transducer and transcription activator that mediates cellular responses to interleukins, KITLG/SCF and other growth factors. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the interleukin-6 (IL-6)-responsive elements identified in the promoters of various acute- phase protein genes. Activated by IL31 through IL31RA. Cytoplasmic STAT3 represses macroautophagy by inhibiting EIF2AK2/PKR activity. Plays an important role in host defense in methicillin-resistant *S.aureus* lung infection by regulating the expression of the antimicrobial lectin REG3G (By similarity).

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:1000

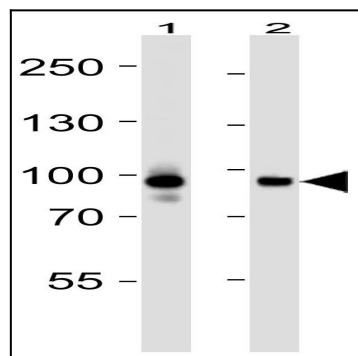


Figure 1: Western blot analysis of Stat3 Antibody (10-6614) lysates with Lane 1: CEM, Lane 2: Hela cell line. Stat3 Antibody was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35µg per lane.