

Datasheet for ABIN218705
anti-STAT3 antibody (pTyr705)



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Overview

Quantity:	100 µL
Target:	STAT3
Binding Specificity:	pTyr705
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to residues surrounding Tyr705 of mouse Stat3 (KLH coupled).
	Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG1
Specificity:	Detects endogenous levels of Stat3 phosphorylated at tyrosine 705. Does not appreciably cross-react with other members of the Stat family. Species cross-reactivity: Human. Predicted to react with mouse based on 100 % sequence homology.
Purification:	Immunoaffinity purified

Target Details

Target:	STAT3
Alternative Name:	STAT3 (STAT3 Products)
Background:	Name/Gene ID: STAT3 Synonyms: STAT3, Acute-phase response factor, APRF, DNA-binding protein APRF, HIES
Gene ID:	6774
UniProt:	P40763
Pathways:	JAK-STAT Signaling , RTK Signaling , Interferon-gamma Pathway , Neurotrophin Signaling Pathway , Dopaminergic Neurogenesis , Response to Growth Hormone Stimulus , Carbohydrate Homeostasis , Stem Cell Maintenance , Hepatitis C , Protein targeting to Nucleus , Feeding Behaviour , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	Approved: Flo (1:200), IP (1:100), WB (1:1000) Usage: Suitable for use in Western Blot, Immunoprecipitation and Flow Cytometry. Western Blot: 1:1000. Immunoprecipitation: 1:100. Flow Cytometry: 1:200.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol, 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.