



# Anti-STAT5A monoclonal antibody, clone 2I0 (DCABH-929)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to STAT5a
<b>Antigen Description</b>	Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.
<b>Immunogen</b>	Recombinant full length Human STAT5a produced in HEK293T cells (NP_003143).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2I0
<b>Purification</b>	This antibody was purified from mouse ascites fluids by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, Flow Cyt
<b>Positive Control</b>	HEK293T cell lysate transfected with pCMV6-ENTRY STAT5a cDNA; HEK293T cells transfected with a STAT5a overexpress plasmid; Jurkat cells
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
<b>Preservative</b>	0.02% Sodium Azide

**Storage** store at -20°C. Avoid repeated freeze / thaw cycles.

**Ship** Shipped at 4°C.

## GENE INFORMATION

**Gene Name** [STAT5A signal transducer and activator of transcription 5A \[ Homo sapiens \]](#)

**Official Symbol** STAT5A

**Synonyms** STAT5A; signal transducer and activator of transcription 5A; STAT5; MGF;

**Entrez Gene ID** [6776](#)

**Protein Refseq** [NP\\_003143](#)

**UniProt ID** [A8K6I5](#)

**Chromosome Location** 17q11.2

**Pathway** Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adipogenesis, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; CD40/CD40L signaling, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem;

**Function** RNA polymerase II core promoter sequence-specific DNA binding; calcium ion binding; double-stranded DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; signal transducer activity;