



# Anti-STAT6 monoclonal antibody, clone 8E4 (DCABH-2347)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to STAT6
<b>Antigen Description</b>	Carries out a dual function: signal transduction and activation of transcription. Involved in interleukin-4 signalling.
<b>Immunogen</b>	Purified recombinant fragment of Human STAT6 expressed in E. Coli.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	8E4
<b>Purity</b>	Ascites
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA, ICC/IF, Flow Cyt
<b>Positive Control</b>	HEK293, NIH 3T3, MCF7, RAW246.7 and PC12 cell lysate; HeLa cells.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: 0.03% Sodium azide; Constituent: 99% Ascites
<b>Preservative</b>	0.03% Sodium Azide
<b>Storage</b>	Store at 4°C or at -20°C for long term storage.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">STAT6 signal transducer and activator of transcription 6, interleukin-4 induced [ Homo sapiens ]</a>
<b>Official Symbol</b>	STAT6
<b>Synonyms</b>	STAT6; signal transducer and activator of transcription 6, interleukin-4 induced; signal transducer

and activator of transcription 6; D12S1644; IL 4 STAT; STAT, interleukin4-induced; transcription factor IL-4 STAT; STAT6B; STAT6C; IL-4-STAT;

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<b>Entrez Gene ID</b>	<a href="#">6778</a>
<b>Protein Refseq</b>	<a href="#">NP_001171549</a>
<b>UniProt ID</b>	<a href="#">P42226</a>
<b>Chromosome Location</b>	12q13
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem; IL-4 signaling Pathway, organism-specific biosystem; IL12-mediated signaling events, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem;
<b>Function</b>	calcium ion binding; identical protein binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; signal transducer activity;

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