

KD-Validated Anti-STAT5B Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1724

Product Information

Application	WB, FC
Primary Accession	P51692
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB2110
Calculated MW	89866
Gene Name	STAT5B
Aliases	STAT5B; Signal Transducer And Activator Of Transcription 5B; Transcription Factor STAT5B; GHISID2; STAT5
Immunogen	A synthesized peptide derived from human STAT5B

Additional Information

Gene ID	6777
Other Names	Signal transducer and activator of transcription 5B, STAT5B

Protein Information

Name	STAT5B (HGNC:11367)
Function	Signal transducer and transcription activator that mediates cellular responses to cytokines, hormones and growth factors (PubMed: 29844444 , PubMed: 9188471). Binds to the GAS element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid differentiation. Involved in the oncostatin-M- mediated signaling pathway through type II OSM receptor complex (heterodimers composed of OSMR and IL6ST) (PubMed: 9188471).
Cellular Location	Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation.

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