

STAT5B Antibody (clone 2D1)
Mouse Monoclonal Antibody
Catalog # ALS14161**Specification**

STAT5B Antibody (clone 2D1) - Product Information

Application	WB, IF
Primary Accession	P51692
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	90kDa KDa

STAT5B Antibody (clone 2D1) - Additional Information**Gene ID** 6777**Other Names**

Signal transducer and activator of transcription 5B, STAT5B

Target/Specificity

Human STAT5b

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

STAT5B Antibody (clone 2D1) is for research use only and not for use in diagnostic or therapeutic procedures.

STAT5B Antibody (clone 2D1) - Protein Information**Name** STAT5B**Function**

Carries out a dual function: signal transduction and activation of transcription (PubMed:29844444). Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid differentiation.

Cellular Location

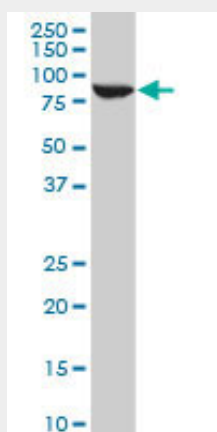
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation.

STAT5B Antibody (clone 2D1) - Protocols

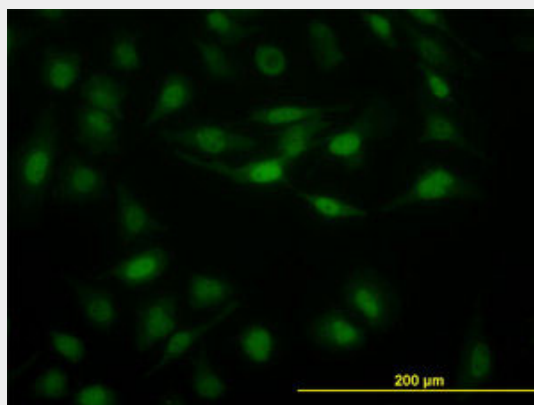
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

STAT5B Antibody (clone 2D1) - Images



STAT5B monoclonal antibody clone 2D1 Western blot of STAT5B expression in HeLa.



Immunofluorescence of monoclonal antibody to STAT5B on HeLa cell. [antibody concentration 10 ug/ml]

STAT5B Antibody (clone 2D1) - Background

Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS element and activates PRL-induced transcription.

STAT5B Antibody (clone 2D1) - References

- Silva C.M.,et al.Mol. Endocrinol. 10:508-518(1996).
Silva C.M.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Lin J.-X.,et al.J. Biol. Chem. 271:10738-10744(1996).

Ambrosio R.,et al.Gene 285:311-318(2002).

Sawka-Verhelle D.,et al.Eur. J. Biochem. 250:411-417(1997).