

STAT5A Antibody (clone 9F7)
Mouse Monoclonal Antibody
Catalog # ALS16733

Specification

STAT5A Antibody (clone 9F7) - Product Information

Application	IHC, IF, WB, FC
Primary Accession	P42229
Other Accession	6776
Reactivity	Human, Rat, Monkey, Dog
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	90647

STAT5A Antibody (clone 9F7) - Additional Information

Gene ID 6776

Other Names

STAT5A, MGF, STAT5

Target/Specificity

Human STAT5A / STAT5

Reconstitution & Storage

PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions

STAT5A Antibody (clone 9F7) is for research use only and not for use in diagnostic or therapeutic procedures.

STAT5A Antibody (clone 9F7) - Protein Information

Name STAT5A

Synonyms STAT5

Function

Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL- induced transcription. Regulates the expression of milk proteins during lactation.

Cellular Location

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

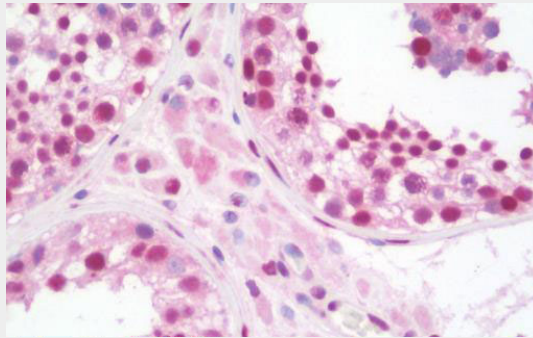
Volume
50 μ l

STAT5A Antibody (clone 9F7) - Protocols

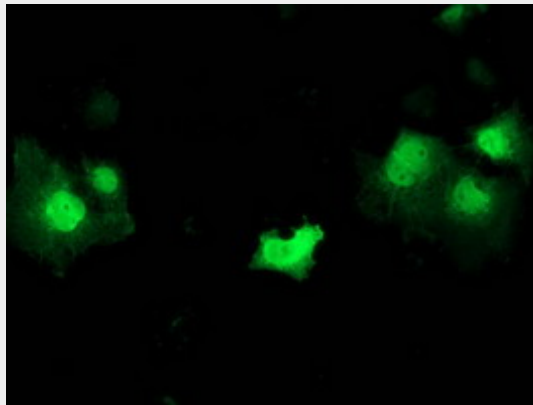
Provided below are standard protocols that you may find useful for product applications.

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

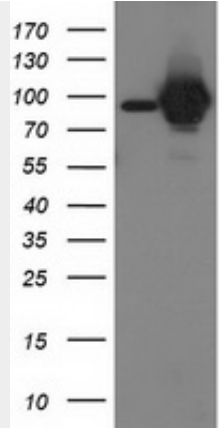
STAT5A Antibody (clone 9F7) - Images



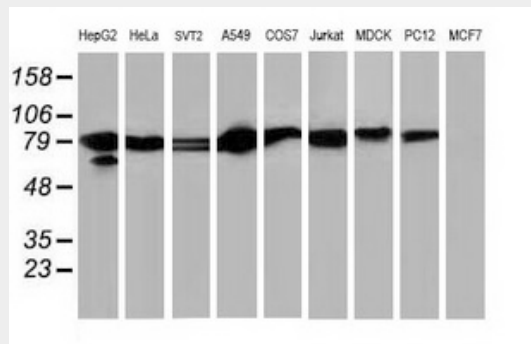
Anti-STAT5A antibody IHC staining of human testis.



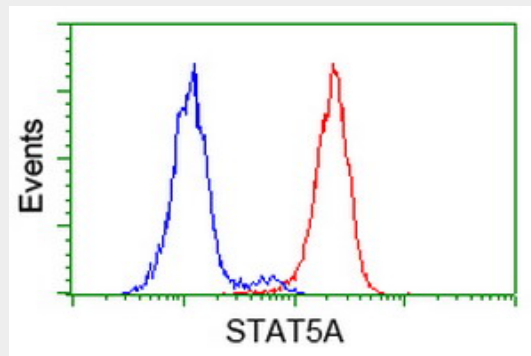
Anti-STAT5A mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...



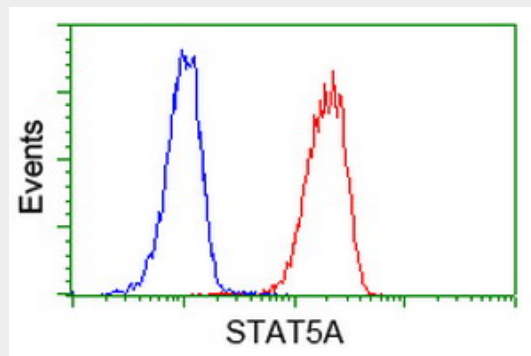
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STAT5A...



Western blot of extracts (35 ug) from 9 different cell lines by using anti-STAT5A monoclonal...



Flow cytometry of HeLa cells, using anti-STAT5A antibody (Red), compared to a nonspecific...



Flow cytometry of Jurkat cells, using anti-STAT5A antibody (Red), compared to a nonspecific...

STAT5A Antibody (clone 9F7) - Background

Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.

STAT5A Antibody (clone 9F7) - References

Hou J., et al. *Immunity* 2:321-329(1995).
Lin J.X., et al. Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases.
Tan D., et al. Submitted (APR-2006) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Zody M.C., et al. *Nature* 440:1045-1049(2006).