

Datasheet: VMA00712

Description:	MOUSE ANTI STAT5A
Specificity:	STAT5A
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI6D6
Isotype:	IgG2b
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - Liquid
Preparation	Mouse monoclonal antibody affinity purified on Protein A from ascites
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin <50% Glycerol
Immunogen	Full length recombinant human STAT5A produced in HEK293T cells
External Database Links	UniProt:

Entrez Gene:

[6776](#) STAT5A [Related reagents](#)

Synonyms	STAT5
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Specificity	<p>Mouse anti Human STAT5A antibody, clone OTI6D6 recognizes the signal transducer and activator of transcription 5A</p> <p>Encoded by STAT5A gene, signal transducer and activator of transcription 5A is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of STAT5A is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of STAT5A in cells (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human STAT5A antibody, clone OTI6D6 detects a band of 90 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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Western Blotting	Mouse anti STAT5A detects a band of approximately 90 kDa in K562 cell lysates
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Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
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Guarantee	12 months from date of despatch
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Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
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Health And Safety Information	Material Safety Datasheet documentation #10048 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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