

Datasheet: MCA3474Z

Description:	MOUSE ANTI HUMAN STAT6:Preservative Free
Specificity:	STAT6
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	6C10
Isotype:	IgG2b
Quantity:	100 µg

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
Immunohistology - Paraffin (1)	▪			0.1 - 10 ug/ml
Western Blotting	▪			
Immunofluorescence	▪			0.1 - 10 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1)This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml

Immunogen Recombinant protein corresponding to aa 695-804 of human STAT6

External Database

Links

UniProt:

[P42226](#) [Related reagents](#)

Entrez Gene:

[6778](#) STAT6 [Related reagents](#)

RRID

AB_2197250

Fusion Partners

Spleen cells from immunized Balb/c mice were fused with cells from the Sp2/0 myeloma cell line.

Specificity

Mouse anti Human STAT6 antibody, clone 6C10 recognizes human Signal transducer and activator of transcription 6, also known as STAT6 or IL-4 Stat. STAT6 is a 846 amino acid ~100 kDa signal transducer and activator of transcription involved in interleukin-4 and interleukin-3 signaling.

Changes in STAT6 expression has been implicated in the development of Hemangiopericytoma and solitary fibrous tumor ([Doyle et al. 2014](#)). **Mouse anti Human STAT6 antibody, clone 6C10** recognizes human Signal transducer and activator of transcription 6, also known as STAT6 or IL-4 Stat. STAT6 is a 846 amino acid ~100 kDa signal transducer and activator of transcription involved in interleukin-4 and interleukin-3 signaling.

Changes in STAT6 expression has been implicated in the development of [Hemangiopericytoma](#) and solitary fibrous tumor ([Doyle et al. 2014](#)).

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10162 available at:
10162: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@680 , DyLight@800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL:Preservative Free \(MCA691XZ\)](#)

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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
'M367634:200529'

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