

## Datasheet: VMA00692

<b>Description:</b>	MOUSE ANTI RANTES
<b>Specificity:</b>	RANTES
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI2A7
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - Liquid
<b>Preparation</b>	Mouse monoclonal antibody affinity purified on immunogen from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Immunogen</b>	HEK293-derived full length human recombinant protein of human RANTES
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P13501</a> <a href="#">Related reagents</a>

**Entrez Gene:**

[6352](#) CCL5 [Related reagents](#)

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<b>Synonyms</b>	D17S136E, SCYA5
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<b>Specificity</b>	<p><b>Mouse anti Human RANTES antibody, clone OTI2A7</b> recognizes RANTES, also known as C-C motif chemokine 5, beta-chemokine RANTES and CCL5.</p> <p>CCL5 is a member of the CC subfamily of chemokines that functions as a chemoattractant for blood monocytes, memory T helper cells and eosinophils. It causes the release of histamine from basophils and activates eosinophils. This cytokine is one of the major HIV-suppressive factors produced by CD8+ cells. It acts as one of the natural ligands for the chemokine receptor chemokine (C-C motif) receptor 5 (CCR5) and suppresses <i>in vitro</i> replication of the R5 strains of HIV-1, which use CCR5 as a coreceptor (provided by RefSeq, Jul 2013).</p> <p>Mouse anti Human RANTES antibody, clone OTI2A7 detects a band of 10 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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<b>Western Blotting</b>	Mouse anti RANTES detects a band of approximately 10 kDa in differentiated THP-1 cells stimulated for 16 hrs with lipopolysaccharide (LPS)
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<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
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<b>Guarantee</b>	12 months from date of despatch
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<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
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<b>Regulatory</b>	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 IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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