

## Datasheet: MCA2527

**BATCH NUMBER 154761**

<b>Description:</b>	MOUSE ANTI HUMAN D-DIMER
<b>Specificity:</b>	D-dimer
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	DD6
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.2 mg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting (1)	▪			

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 antibody recognizes D-dimer under non-reducing conditions.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0mg/ml

## Concentrations

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Immunogen	Homogenised fibrin clot.
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## External Database Links

### UniProt:

[P02679](#)      [Related reagents](#)

[P02671](#)      [Related reagents](#)

[P02675](#)      [Related reagents](#)

### Entrez Gene:

[2266](#)    FGG    [Related reagents](#)

[2243](#)    FGA    [Related reagents](#)

[2244](#)    FGB    [Related reagents](#)

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RRID	AB_609618
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Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line.
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Specificity	<b>Mouse anti Human D-Dimer antibody, clone DD6</b> recognizes human D-dimer and shows low cross-reactivity with fibrinogen (D-monomer).
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D-dimers are the principle degradation products of cross-linked fibrin, released into the bloodstream following the digestion of fibrin clots (thrombus) by the enzyme plasmin, and thus measurement of the level of D-dimer in plasma, can be used as an indication of thrombotic disorders. Conditions in which levels of D-dimer are elevated include deep vein thrombosis (DVT), venous thromboembolism (VTE), cardiovascular disease and disseminated intravascular coagulation (DIC), a possible acute condition arising from surgical operations, septic shock and liver disease.

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References	<ol style="list-style-type: none"><li>1. Rowbotham, B.J. <i>et al.</i> (1987) Measurement of crosslinked fibrin derivatives--use in the diagnosis of venous thrombosis. <a href="#">Thromb Haemost. 57 (1): 59-61.</a></li><li>2. Kruskal, J.B. <i>et al.</i> (1992) Elevated fibrin-related and fibrinogen-related antigens in patients with liver disease. <a href="#">Hepatology. 16 (4): 920-3.</a></li></ol>
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Storage	Store at +4°C or at -20°C if preferred. 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.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2527">https://www.bio-rad-antibodies.com/SDS/MCA2527</a> 10040
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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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://bio-rad-antibodies.com/datasheets)

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