

Datasheet: 4470-4339

Description:	RABBIT ANTI MOUSE FIBRONECTIN
Specificity:	FIBRONECTIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

RRID AB_2231889

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 - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting	▪			1/300 - 1/400
Immunofluorescence	▪			

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.

Target Species

Mouse

Species Cross Reactivity

Reacts with: Chicken
N.B. Antibody reactivity and working conditions may vary between species.

Product Form

Ig fraction - lyophilised

Reconstitution

Reconstitute in 1 ml of sterile distilled water. For long term storage the addition of a preservative is recommended.

Preparation

Ig fraction prepared by ammonium sulphate precipitation

Buffer Solution

Ammonium bicarbonate

Preservative Stabilisers

None present

Immunogen

Purified murine fibronectin.

**External Database
Links**

UniProt:

[P11276](#) [Related reagents](#)

Entrez Gene:

[14268](#) Fn1 [Related reagents](#)

Specificity

Rabbit anti Mouse Fibronectin antibody recognizes fibronectin, a 460-500 kDa glycoprotein involved in tissue organisation and wound repair.

References

1. Koya, D. *et al.* (2000) Amelioration of accelerated diabetic mesangial expansion by treatment with a PKC beta inhibitor in diabetic db/db mice, a rodent model for type 2 diabetes. [FASEB J. 14 \(3\): 439-47.](#)
2. Austin, B.A. *et al.* (2009) Biologically active fibronectin fragments stimulate release of MCP-1 and catabolic cytokines from murine retinal pigment epithelium. [Invest Ophthalmol Vis Sci. 50: 2896-902.](#)
3. Lambeth, L.S. *et al.* (2015) Transgenic chickens over-expressing aromatase have high estrogen levels but maintain a predominantly male phenotype. [Endocrinology. : en20151697.](#)
4. Michalski D *et al.* (2017) Delayed histochemical alterations within the neurovascular unit due to transient focal cerebral ischemia and experimental treatment with neurotrophic factors. [PLoS One. 12 \(4\): e0174996.](#)
5. Lambeth, L.S. *et al.* (2016) Overexpression of Anti-Müllerian Hormone Disrupts Gonadal Sex Differentiation, Blocks Sex Hormone Synthesis, and Supports Cell Autonomous Sex Development in the Chicken. [Endocrinology. 157 \(3\): 1258-75.](#)

Storage

Prior to reconstitution store at +4°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. 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 reconstitution.

**Health And Safety
Information**

Material Safety Datasheet documentation #10122 available at:
10122: <https://www.bio-rad-antibodies.com/uploads/MSDS/10122.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

'M345033:190125'

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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