

## Datasheet: VPA00269

<b>Description:</b>	RABBIT ANTI FGR
<b>Specificity:</b>	FGR
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<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

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. 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 dependant on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Ig fraction - liquid
<b>Preparation</b>	Rabbit Ig fraction prepared by ammonium sulphate precipitation
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to aa 3-33 of human FGR
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P09769</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">2268</a>   FGR   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	SRC2
<b>Specificity</b>	<b>Rabbit anti Human FGR antibody</b> recognizes FGR, also known as c-src-2 proto-oncogene, p55-c-fgr protein, proto-oncogene c-Fgr, tyrosine-protein kinase Fgr and v-fgr feline Gardner-Rasheed sarcoma viral oncogene homolog.

FGR is a member of the Src family of protein tyrosine kinases (PTKs). The FGR gene encoded protein contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to plasma membrane ruffles, and functions as a negative regulator of cell migration and adhesion triggered by the beta-2 integrin signal transduction pathway. Infection with Epstein-Barr virus results in the overexpression of FGR. Multiple alternatively spliced variants, encoding the same protein, have been identified (provided by RefSeq, Jul 2008).

Rabbit anti Human FGR antibody detects a band of 56 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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<b>Western Blotting</b>	Anti FGR detects a band of approximately 56 kDa in Ramos cell lysate
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<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
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<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
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<b>Guarantee</b>	As supplied, 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 Rabbit IgG (H/L) (STAR208...) [HRP](#)

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