

Datasheet: VPA00066KT

Description:	IRF5 ANTIBODY WITH CONTROL LYSATE
Specificity:	IRF5
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	2 Westerns

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
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.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Mouse, Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	20µl Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	<p>0.02% Sodium Azide (NaN₃)</p> <p>0.5% Bovine Serum Albumin</p>
Immunogen	Synthetic peptide sequence C-QGPWPMHPAGMQ from the C terminal region of IRF5.

External Database Links	<p>UniProt: Q13568 Related reagents</p> <p>Entrez Gene: 3663 IRF5 Related reagents</p>
Specificity	<p>Goat anti Human IRF5 antibody recognizes interferon regulatory factor 5, a transcription factor belonging to the interferon regulatory factor. IRFs contain a conserved N-terminal region which recognizes the interferon consensus sequence in the promoter region on interferon genes. Studies suggest that IRF5 plays a role in M1 macrophage polarization (Krausgruber <i>et al.</i> , 2011).</p> <p>Goat anti human IRF5 antibody detects IRF5 as a single band of 60 kDa in a wide range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.</p>
Western Blotting	<p>Goat anti IRF5 detects a band of approximately 60 kDa in K562 cell lysates.</p>
Instructions For Use	<p>Please refer to the PrecisionAb western blotting protocol. For additional information on secondary antibody dilution and exposure time see product web page.</p>
Lysate Composition	<p>400µg K562 lysate lyophilized in RIPA buffer.</p>
Lysate Reconstitution	<ul style="list-style-type: none"> - If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
Storage	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
Guarantee	<p>As supplied, 12 months from date of despatch.</p>
Acknowledgements	<p>PrecisionAb™ is a trademark of Bio-Rad Laboratories.</p>
Health And Safety Information	<p>Material Safety Datasheet documentation #10058 #10561 available at: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</p>
Regulatory	<p>For research purposes only</p>

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at bio-rad-antibodies.com

'M350799:190314'

Printed on 09 Feb 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)