Datasheet: VMA00363K

Description:	XPF ANTIBODY WITH CONTROL LYSATE
Specificity:	XPF
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	UMAB20
Isotype:	IgG2a
Quantity:	10 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
Product Form	Purified IgG - liquid
Preparation	100µl Mouse monoclonal antibody purified by affinity chromatography from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human XPF (NP_005227) produced in HEK293 cells
External Database Links	**UniProt:** Q92889 Related reagents **Entrez Gene:** 2072 ERCC4 Related reagents
Synonyms	ERCC11, XPF

Specificity	**Mouse anti Human XPF antibody** recognizes DNA repair endonuclease XPF, also known as DNA excision repair protein ERCC4, RAD1, FANCQ, DNA repair protein complementing XP-F cells , XFEPS and xeroderma pigmentosum, complementation group F. Encoded by the ERCC4 gene, DNA repair endonuclease XPF forms a complex with ERCC1 and is involved in the 5' incision made during nucleotide excision repair. This complex is a structure specific DNA repair endonuclease that interacts with EME1. Defects in ERCC4 are a cause of xeroderma pigmentosum complementation group F (XP-F), or xeroderma pigmentosum VI (XP6) (provided by RefSeq, Mar 2009). Mouse anti Human XPF antibody detects a band of 110 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. This antibody is available with a positive control lysate, in a smaller trial size, and as a standalone antibody.
Western Blotting	Anti XPF detects a band of approximately 110 kDa in HEK293 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol. For additional information on secondary antibody dilution and exposure time see product web page.
Lysate Composition	400µg HEK293 lysate lyophilized in RIPA buffer
Lysate Reconstitution	- If using DDT reconstitute the lyophilized lysate with 190µl DI H_2O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H_2O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. 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.
Storage	Antibody: Store undiluted at -20^{o}C, avoiding repeated freeze thaw cycles. 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.
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet Documentation #10048 for antibody available at https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf Lysate Material Safety Datasheet Documentation #10561 available at https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...)HRP

North & South America
Tel: +1 800 265 7376
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

'M286313:160718'

Printed on 07 Jun 2017

© 2017 Bio-Rad Laboratories Inc | Legal | Imprint