

## Datasheet: VMA00363

<b>Description:</b>	MOUSE ANTI XPF
<b>Specificity:</b>	XPF
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Monoclonal
<b>Clone:</b>	UMAB20
<b>Isotype:</b>	IgG2a
<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>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	Full length recombinant human XPF (NP_005227) produced in HEK293 cells
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q92889</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">2072</a>    ERCC4    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	ERCC11, XPF

**Specificity** **Mouse anti Human XPF antibody** recognizes DNA repair endonuclease XPF, also known as DNA excision repair protein ERCC4, RAD1, FANCD1, 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.

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**Western Blotting** Anti XPF detects a band of approximately 110 kDa in HEK293 cell lysates

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**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.

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Shelf Life** As supplied, 12 months from date of despatch.

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**Acknowledgements** PrecisionAb™ is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10048 available at: Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

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**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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