

Datasheet: VMA00363

**BATCH NUMBER 160322**

<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

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** 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 dependent 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

**External Database  
Links**

**UniProt:**

[Q92889](#)   [Related reagents](#)

**Entrez Gene:**

[2072](#)   ERCC4   [Related reagents](#)

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**Synonyms**

ERCC11, XPF

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**Specificity**

**Mouse anti Human XPF antibody, clone UMAB20** recognizes DNA repair endonuclease XPF, also known as DNA excision repair protein ERCC4, RAD1, FANCCQ, 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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**Storage**

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

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**Guarantee**

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:  
<https://www.bio-rad-antibodies.com/SDS/VMA00363>  
Antibody (10048)

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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