

**ERCC2 Antibody (monoclonal) (M04)****Mouse monoclonal antibody raised against a full-length recombinant ERCC2.****Catalog # AT1938a****Specification**

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**ERCC2 Antibody (monoclonal) (M04) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB, IF                   |
| Primary Accession | <a href="#">P18074</a>   |
| Other Accession   | <a href="#">BC008346</a> |
| Reactivity        | Human                    |
| Host              | mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG1 Kappa               |
| Calculated MW     | 86909                    |

**ERCC2 Antibody (monoclonal) (M04) - Additional Information****Gene ID** 2068**Other Names**

TFIIH basal transcription factor complex helicase XPD subunit, Basic transcription factor 2 80 kDa subunit, BTF2 p80, CXPB, DNA excision repair protein ERCC-2, DNA repair protein complementing XP-D cells, TFIIH basal transcription factor complex 80 kDa subunit, TFIIH 80 kDa subunit, TFIIH p80, Xeroderma pigmentosum group D-complementing protein, ERCC2, XPD, XPDC

**Target/Specificity**

ERCC2 (AAH08346, 1 a.a. ~ 405 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IF~~1:50~200

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

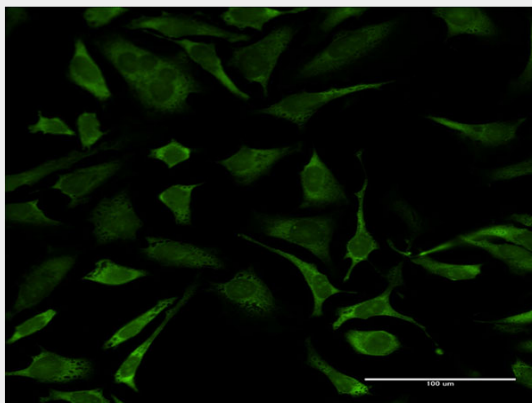
ERCC2 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

**ERCC2 Antibody (monoclonal) (M04) - Protocols**

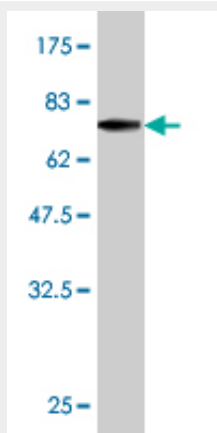
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

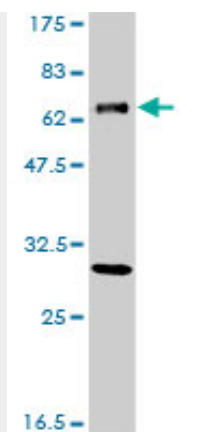
#### ERCC2 Antibody (monoclonal) (M04) - Images



Immunofluorescence of monoclonal antibody to ERCC2 on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (70.29 KDa) .



ERCC2 monoclonal antibody (M01), clone S3 Western Blot analysis of ERCC2 expression in A-431 (Cat # AT1938a)

#### **ERCC2 Antibody (monoclonal) (M04) - Background**

The nucleotide excision repair pathway is a mechanism to repair damage to DNA. The protein encoded by this gene is involved in transcription-coupled nucleotide excision repair and is an integral member of the basal transcription factor BTF2/TFIIH complex. The gene product has ATP-dependent DNA helicase activity and belongs to the RAD3/XPD subfamily of helicases. Defects in this gene can result in three different disorders, the cancer-prone syndrome xeroderma pigmentosum complementation group D, trichothiodystrophy, and Cockayne syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]