

**CRX Antibody (monoclonal) (M03)**  
Mouse monoclonal antibody raised against a partial recombinant CRX.  
Catalog # AT1638a

## Specification

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### CRX Antibody (monoclonal) (M03) - Product Information

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, E                     |
| Primary Accession | <a href="#">O43186</a>    |
| Other Accession   | <a href="#">NM_000554</a> |
| Reactivity        | Human, Rat                |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG2a Kappa               |
| Calculated MW     | 32261                     |

### CRX Antibody (monoclonal) (M03) - Additional Information

**Gene ID** 1406

#### Other Names

Cone-rod homeobox protein, CRX, CORD2

#### Target/Specificity

CRX (NP\_000545, 1 a.a. ~ 95 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

#### Dilution

WB~~1:500~1000

#### 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

CRX Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

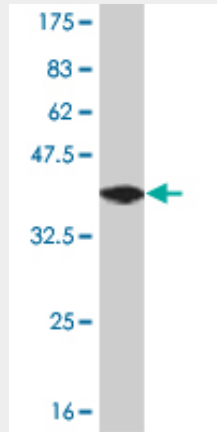
### CRX Antibody (monoclonal) (M03) - Protocols

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

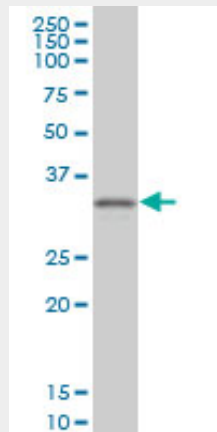
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

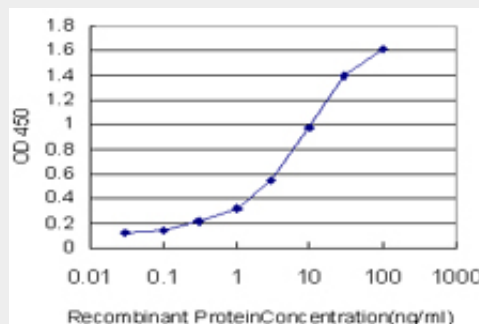
**CRX Antibody (monoclonal) (M03) - Images**



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 kDa) .



CRX monoclonal antibody (M03), clone 2F12 Western Blot analysis of CRX expression in PC-12 ( Cat # AT1638a )



Detection limit for recombinant GST tagged CRX is approximately 0.1ng/ml as a capture antibody.

**CRX Antibody (monoclonal) (M03) - Background**

The protein encoded by this gene is a photoreceptor-specific transcription factor which plays a role

in the differentiation of photoreceptor cells. This homeodomain protein is necessary for the maintenance of normal cone and rod function. Mutations in this gene are associated with photoreceptor degeneration, Leber congenital amaurosis type III and the autosomal dominant cone-rod dystrophy 2. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined.

#### **CRX Antibody (monoclonal) (M03) - References**

1. OTX2 and CRX rescue overlapping and photoreceptor-specific functions in the *Drosophila* eye. Terrell D, Xie B, Workman M, Mahato S, Zelhof A, Gebelein B, Cook T. *Dev Dyn*. 2012 Jan;241(1):215-28. doi: 10.1002/dvdy.22782. Epub 2011 Nov 23.