

**ORC4L Antibody (monoclonal) (M05)**

Mouse monoclonal antibody raised against a full length recombinant ORC4L.

Catalog # AT3154a

**Specification**

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**ORC4L Antibody (monoclonal) (M05) - Product Information**

Application	IF, E
Primary Accession	<a href="#">O43929</a>
Other Accession	<a href="#">BC005388</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	50377

**ORC4L Antibody (monoclonal) (M05) - Additional Information**

**Gene ID** 5000

**Other Names**

Origin recognition complex subunit 4, ORC4, ORC4L

**Target/Specificity**

ORC4L (AAH05388, 1 a.a. ~ 248 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**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**

ORC4L Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

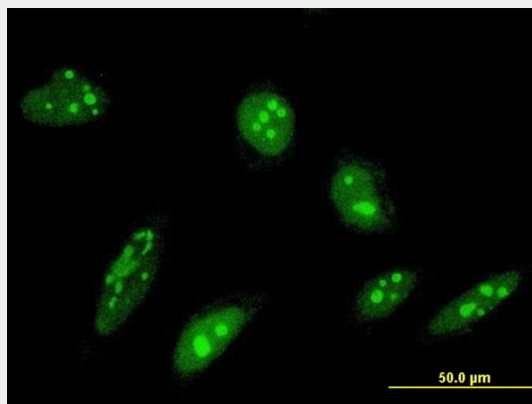
**ORC4L Antibody (monoclonal) (M05) - Protocols**

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

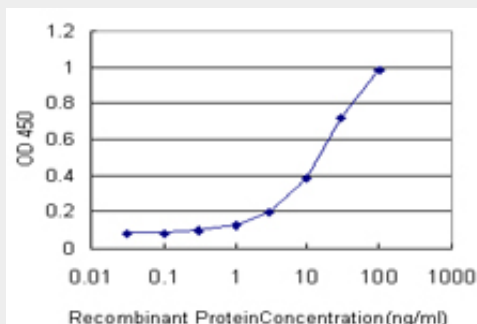
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

## ORC4L Antibody (monoclonal) (M05) - Images



Immunofluorescence of monoclonal antibody to ORC4L on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged ORC4L is approximately 1ng/ml as a capture antibody.

## ORC4L Antibody (monoclonal) (M05) - Background

The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. It has been shown to form a core complex with ORC2L, -3L, and -5L. Three alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]