

ORC4L Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a full length recombinant ORC4L.

Catalog # AT3154a

Specification

ORC4L Antibody (monoclonal) (M05) - Product Information

Application	IF, E
Primary Accession	O43929
Other Accession	BC005388
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.

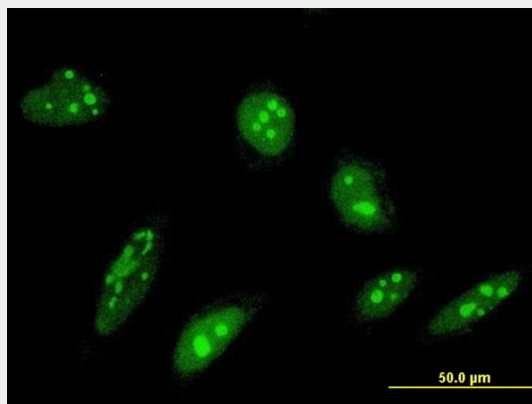
ORC4L Antibody (monoclonal) (M05) - Protocols

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

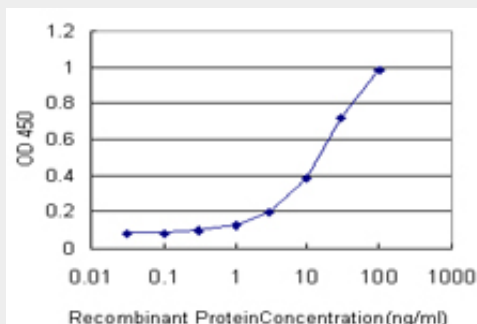
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [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]