

**FGFR1OP Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant FGFR1OP.

Catalog # AT2037a

**Specification**

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**FGFR1OP Antibody (monoclonal) (M01) - Product Information**

Application	WB, IF, E
Primary Accession	<a href="#">O95684</a>
Other Accession	<a href="#">BC011902</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Calculated MW	43065

**FGFR1OP Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 11116

**Other Names**

FGFR1 oncogene partner, FGFR1OP, FOP

**Target/Specificity**

FGFR1OP (AAH11902, 1 a.a. ~ 379 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

E~~N/A

**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**

FGFR1OP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

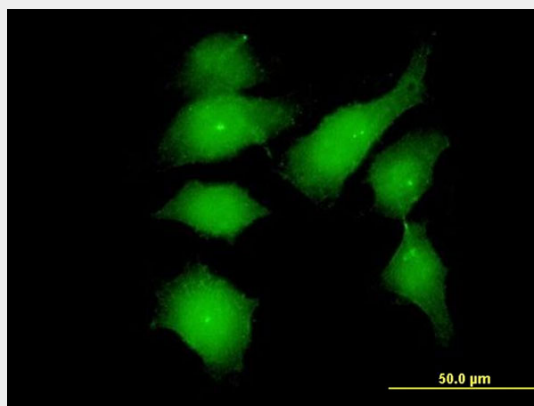
**FGFR1OP Antibody (monoclonal) (M01) - Protocols**

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

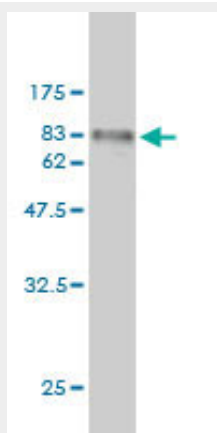
- [Western Blot](#)
- [Blocking Peptides](#)

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

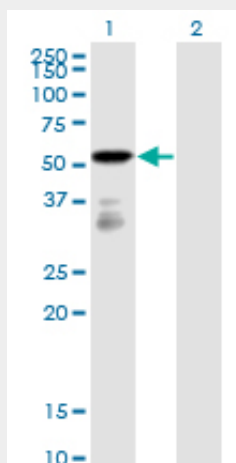
### FGFR1OP Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to FGFR1OP on HeLa cell . [antibody concentration 10 ug/ml]



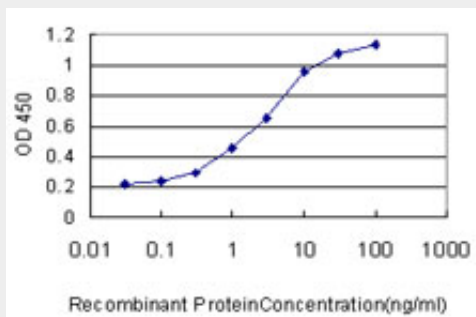
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.43 KDa) .



Western Blot analysis of FGFR1OP expression in transfected 293T cell line by FGFR1OP monoclonal antibody (M01), clone 2B1.

Lane 1: FGFR1OP transfected lysate(43.1 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FGFR1OP is approximately 0.03ng/ml as a capture antibody.

### **FGFR1OP Antibody (monoclonal) (M01) - Background**

This gene encodes a largely hydrophilic protein postulated to be a leucine-rich protein family member. A t(6;8)(q27;p11) chromosomal translocation, fusing this gene and the fibroblast growth factor receptor 1 (FGFR1) gene, has been found in cases of myeloproliferative disorder. The resulting chimeric protein contains the N-terminal leucine-rich region of this encoded protein fused to the catalytic domain of FGFR1. This gene is thought to play an important role in normal proliferation and differentiation of the erythroid lineage. Alternatively spliced transcript variants that encode different proteins have been identified.

### **FGFR1OP Antibody (monoclonal) (M01) - References**

1. Fibroblast growth factor receptor 1 oncogene partner as a novel prognostic biomarker and therapeutic target for lung cancer. Mano Y, Takahashi K, Ishikawa N, Takano A, Yasui W, Inai K, Nishimura H, Tsuchiya E, Nakamura Y, Daigo Y. Cancer Sci. 2007 Dec;98(12):1902-13. Epub 2007 Sep 18.