

FGFR1OP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant FGFR1OP.

Catalog # AT2037a

Specification

FGFR1OP Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	O95684
Other Accession	BC011902
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

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.

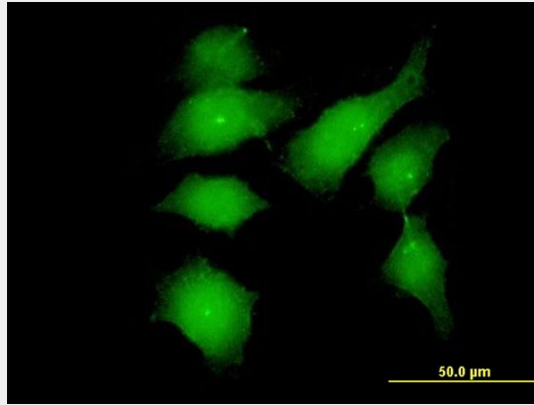
FGFR1OP Antibody (monoclonal) (M01) - Protocols

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

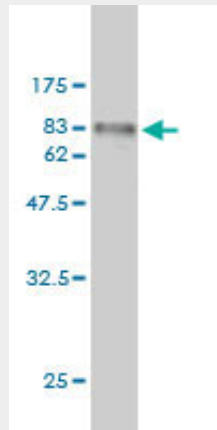
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

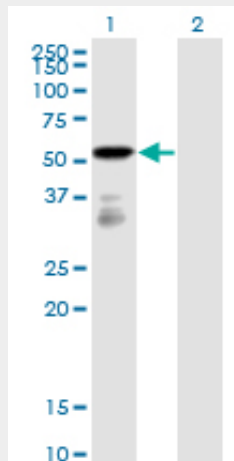
FGFR1OP Antibody (monoclonal) (M01) - Images



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) .

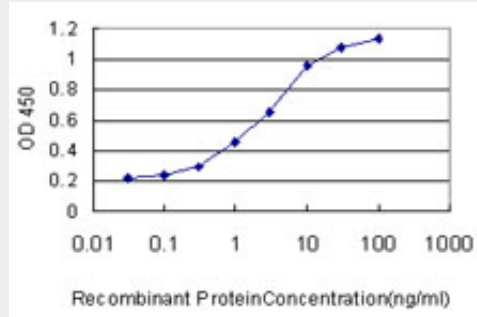


Western Blot analysis of FGFR1OP expression in transfected 293T cell line by FGFR1OP

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.