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FGFR1OP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant FGFR1OP.
Catalog # AT2037a

Product Information

Application	WB, IF, E
Primary Accession	O95684
Other Accession	BC011902
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b kappa
Clone Names	2B1
Calculated MW	43065

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.

Background

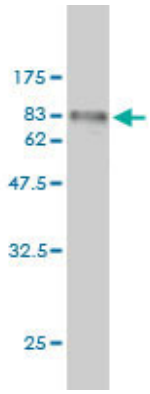
This gene encodes a largely hydrophilic protein postulated to be a leucine-rich protein family member. A t(6;8)(q27;p11) chromosomal translocation, fusing this gene and the fibroblast growth factor receptor 1 (FGFR1) gene, has been found in cases of myeloproliferative disorder. The resulting chimeric 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.

References

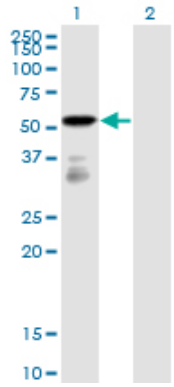
1.Fibroblast growth factor receptor 1 oncogene partner as a novel prognostic biomarker and therapeutic

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.

Images

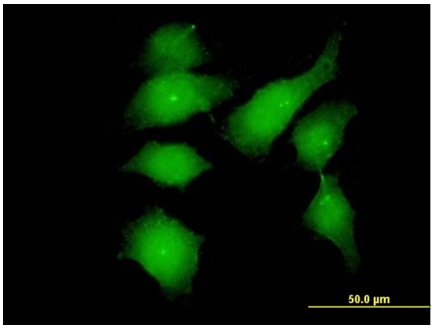


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (67.43 KDa) .

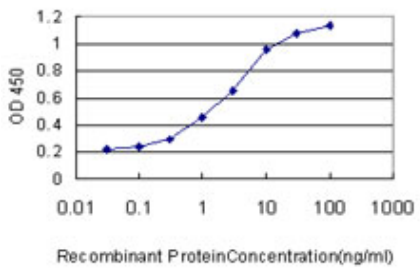


Western Blot analysis of FGFR1OP expression in transfected 293T cell line by FGFR1OP monoclonal antibody (M01), clone 2B1.

Lane 1: FGFR1OP transfected lysate(43.1 KDa).
Lane 2: Non-transfected lysate.



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.