

Datasheet for ABIN515638
anti-FGFR4 antibody (AA 31-145)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	FGFR4
Binding Specificity:	AA 31-145
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGFR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant FGFR4.
Immunogen:	FGFR4 (AAH11847.1, 31 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EPCLAPSLEQ QEQLTVALG QPVLCCGRA ERGGHWYKEG SRLAPAGRVR GWRGRLEIAS FLPEDAGRYL CLARGSMIVL QNLTLITGDS LTSSNDDDP KSHRDPSNRH SYPQQ
Clone:	1E2
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	FGFR4
Alternative Name:	FGFR4 (FGFR4 Products)
Background:	Full Gene Name: fibroblast growth factor receptor 4 Synonyms: CD334,JTK2,MGC20292,TKF
Gene ID:	2264
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis , Growth Factor Binding

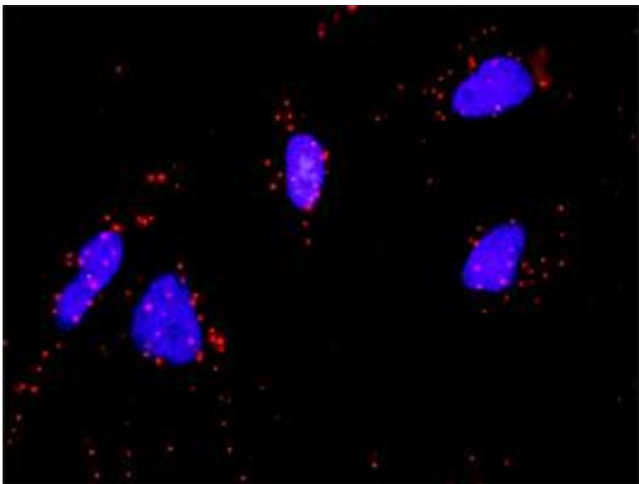
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

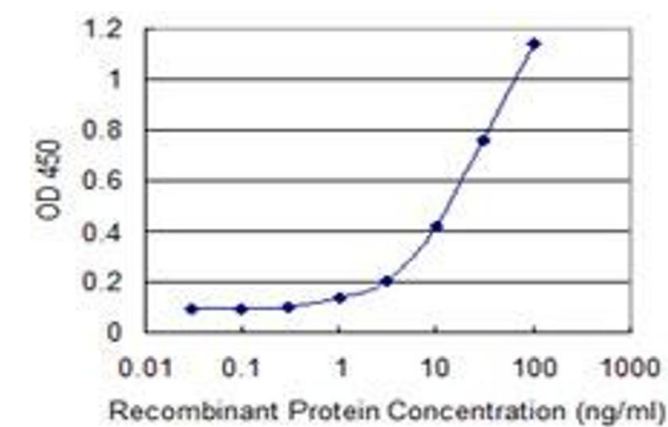
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



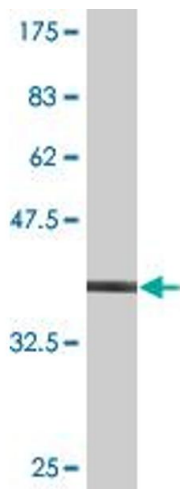
Proximity Ligation Assay

Image 1. Proximity Ligation Analysis of protein-protein interactions between FGF1 and FGFR4. HeLa cells were stained with anti-FGF1 rabbit purified polyclonal 1:1200 and anti-FGFR4 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA

Image 2. Detection limit for recombinant GST tagged FGFR4 is 0.3 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (38.39 kDa) .