

Datasheet for ABIN515619  
**anti-FGF10 antibody (AA 38-137)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	FGF10
Binding Specificity:	AA 38-137
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

## Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant FGF10.
Immunogen:	FGF10 (NP_004456, 38 a.a. ~ 137 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QALGQDMVSP EATNSSSSSF SSPSSAGRHV RSYNHLQGDV RWRKLSFTK YFLKIEKNGK VSGTKKENCP YSILEITSVE IGVVAVKAIN SNYYLAMNKK
Clone:	3C7
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	FGF10
Alternative Name:	FGF10 ( <a href="#">FGF10 Products</a> )
Background:	Full Gene Name: fibroblast growth factor 10 Synonyms:
Gene ID:	2255
NCBI Accession:	<a href="#">NM_004465</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Tube Formation</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

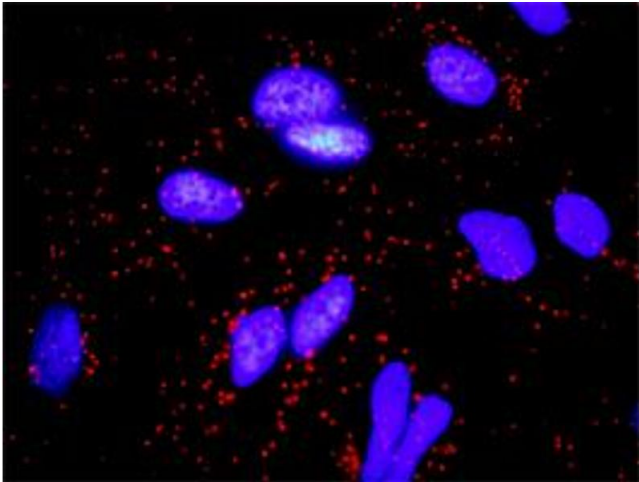
## Application Details

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

## Handling

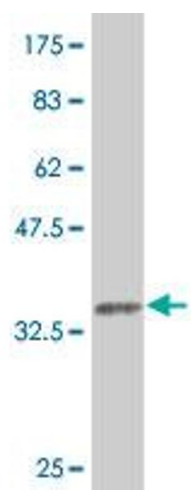
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### Proximity Ligation Assay

**Image 1.** Proximity Ligation Analysis of protein-protein interactions between FGFR2 and FGF10. HeLa cells were stained with anti-FGFR2 rabbit purified polyclonal 1:1200 and anti-FGF10 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blotting

**Image 2.** Western Blot detection against Immunogen (36.74 kDa) .