

### Anti-FGFR4 antibody [5B5] ab44971

★★★★★ [15 Abreviews](#) [12 References](#)

#### Overview

<b>Product name</b>	Anti-FGFR4 antibody [5B5]
<b>Description</b>	Mouse monoclonal [5B5] to FGFR4
<b>Host species</b>	Mouse
<b>Specificity</b>	ab44971 detects fibroblasts.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-Fr, Flow Cyt, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Fusion protein corresponding to Human FGFR4.
<b>Positive control</b>	ICC/IF: Human BJ fibroblasts; mouse primary airway cells. IHC-Fr: Human skin fibroblasts. Flow: Human primary adult fibroblasts. IHC-P: Murine abdominal fibroblasts.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: 0.01% PBS</p>
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	5B5
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab44971 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration.
IHC-Fr	★★★★☆ (2)	Use at an assay dependent concentration.
Flow Cyt	★★★★☆ (2)	Use at an assay dependent concentration.
IHC-P	★★★★☆ (7)	Use at an assay dependent concentration.

## Target

<b>Function</b>	Receptor for acidic fibroblast growth factor. Does not bind to basic fibroblast growth factor. Binds FGF19.
<b>Tissue specificity</b>	Expressed in gastrointestinal epithelial cells, pancreas, and gastric and pancreatic cancer cell lines.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. Tyr protein kinase family. Fibroblast growth factor receptor subfamily. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
<b>Post-translational modifications</b>	Glycosylated. Phosphorylated on tyrosine residue (By similarity). Phosphorylation requires the presence of a functional (phosphorylated) FGFR1 and not necessarily by means of FGFR heterodimerization.
<b>Cellular localization</b>	Membrane. Isoform 2 may be secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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