

## bFGF / FGF2 Antibody

Mouse Monoclonal Antibody [Clone FGF2/7364]

Catalog No	Format	Size
2247-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2247-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2247-MSM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

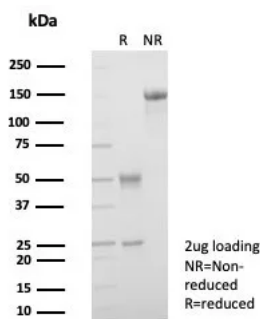
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

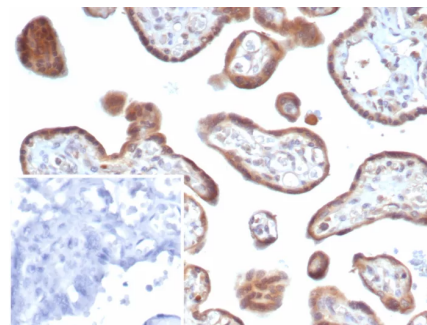
<b>Clone</b>	FGF2/7364
<b>Gene Name</b>	FGF2
<b>Immunogen</b>	Recombinant fragment (around aa 7-96) of human FGF2 protein (exact sequence is proprietary)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2 / Kappa
<b>Mol. Weight of Antigen</b>	18/21/24kDa
<b>Cellular Localization</b>	Nucleus, Secreted
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Expressed in granulosa and cumulus cells. Expressed in hepatocellular carcinoma cells, but not in non-cancerous liver tissue.

\*Optimal dilution for a specific application should be determined.

### Product Images for bFGF / FGF2 Antibody



SDS-PAGE Analysis of Purified FGF2 Mouse Monoclonal Antibody (FGF2/7364). Confirmation of Integrity and Purity of Antibody.



Formalin-fixed, paraffin-embedded human placenta stained with FGF2 Mouse Monoclonal Antibody (FGF2/7364). Inset: PBS instead of primary antibody; secondary only negative control.

### Specificity & Comments

Fibroblast growth factor-1 (FGF-1), also designated acidic FGF, and fibroblast growth factor-2 (FGF-2), also designated basic FGF, are members of a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Additional members of the FGF family include the oncogenes FGF-3 (Int2) and FGF-4 (hst/Kaposi), FGF-5, FGF-6, FGF-7 (KGF), FGF-8 (AIGF), FGF-9 (GAF) and FGF-10-FGF-23. Members of the FGF family share 30-55% amino acid sequence identity and similar gene structure, and are capable of transforming cultured cells when overexpressed in transfected cells. Cellular receptors for FGFs are members of a second multigene family including four tyrosine kinases, designated Flg (FGFR-1), Bek (FGFR-L), TKF and FGFR-3.

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### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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### Research Areas

AKT Signaling, Angiogenesis, Breast Cancer, Cardiovascular, Cytokine Signaling, Developmental Biology, Immunology, Infectious Disease, MAPK Signaling, Mesenchymal Stem Cell Differentiation, Neural Stem Cells, Neuroinflammation, Nuclear Marker, Signal Transduction, Stem Cell Differentiation

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