Product datasheet

Anti-FGF2 Antibody (Clone#OTI3D9)

Catalog Number: *MA00121*

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Basic Information

Product Name	Anti-FGF2 Antibody (Clone#OTI3D9)
Gene Name	FGF2
Source	Mouse
Isotype	IgG2b
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, IF
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Human recombinant protein fragment corresponding to amino acids 10-155 of human bFGF (NP_001997) produced in E.coli.
concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	30.6KD
Dilution Ratios	Western blot (WB): 1:1000 Immunohistochemistry in paraffin section (IHC):1:50 Immunofluorescence (IF): 1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

FGF2 has been implicated in a multitude of physiologic and pathologic processes, including limb development, angiogenesis, wound healing, and tumor growth. Human FGF2 shares 96% and 97% amino acid sequence homology with mouse and rat respectively. FGF2 belongs to the fibroblast growth factor (FGF) family. Fibroblast growth factors (FGFs) exhibit widespread mitogenic and neurotrophic activities. Nine members of the family are currently known, and FGF-1 and FGF-2 are present in relatively high levels in CNS. FGF-2 is expressed by at low levels in many tissues and cell types and reaches high concentrations in brain and pituitary.

Selected Validation Data

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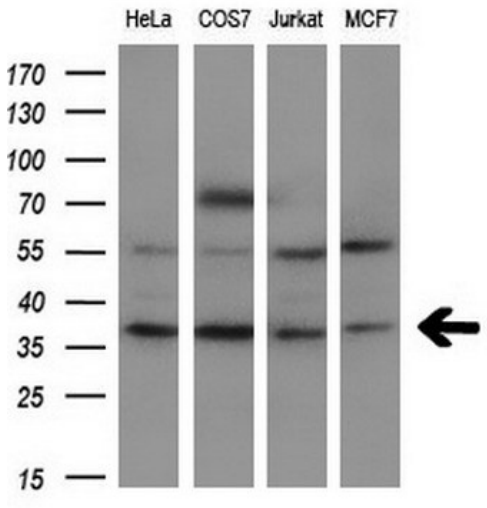

Figure 1. Western blot analysis of extracts (10ug) from 4 different cell lines by using anti-BFGF monoclonal antibody at 1:200 dilution.