Product Name: FGF2 Rabbit Monoclonal Antibody
Catalog #: AMRe86980

Summary

Production Name	FGF2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	FGF2
Alternative Names	BFGF; FGFB; FGF-2; HBGF-2
Gene ID	2247
SwissProt ID	P09038.

Application

Dilution Ratio	WB: 1:1000-1:5000 IHC-P: 1:200-1:2000 IP: 1:10-1:100
Molecular Weight	Calculated MW:31 kDa; Observed MW:19 kDa

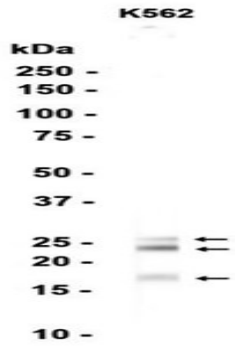
Background

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind

heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from K562 cells using AMRe86980 at 1:1000.

Note

For research use only.