

Fibroblast Growth Factor basic Antibody (AS24)

Lot Number: RE2200761

Product Data Sheet

Tested Species Reactivity

Human (Hu)

Tested Applications

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1-10ug/ml
ELISA (ELISA)	10 µg/ml

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details

Catalog Number:	MA1-25945
Size:	100 µg
Class:	Monoclonal
Type:	Antibody
Clone:	AS24
Host / Isotype:	Mouse / IgG1
Immunogen:	

Form Information

Form:	Liquid
Concentration:	1mg/ml
Purification:	Protein G
Storage Buffer:	PBS
Preservative:	0.08% sodium azide
Storage Conditions:	-20° C, Avoid Freeze/Thaw Cycles

Product Specific Information

MA1-25945 detects FGF basic from human samples.

MA1-25945 has been successfully used in immunohistochemistry (paraffin) and ELISA procedures.

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General Information

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.

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