

ARG56716 anti-FGF10 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FGF10
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FGF10
Species	Human
Immunogen	E.coli derived Recombinant Human FGF10. (MLGQDMVSPE ATNSSSSSFS SPSSAGRHRV SYNLQGDVR WRKLSFTKY FLKIEKNGKV SGTKKENCYP SILEITSVEI GVVAVKAINS NYLAMNKKG KLYGSKEFNN DCKLKERIEE NGYNTYASFN WQHNGRQMYV ALNGKGAPRR GQKTRRKNTS AHFLPMVVHS)
Conjugation	Un-conjugated
Alternate Names	Fibroblast growth factor 10; Keratinocyte growth factor 2; FGF-10

Application Instructions

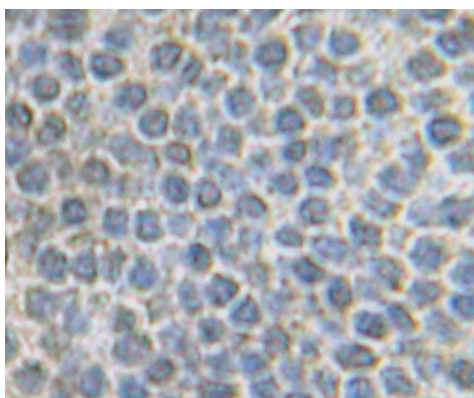
Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56825 as a detection antibody
	IHC-P	1.0 µg/ml - 2.5 µg/ml
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

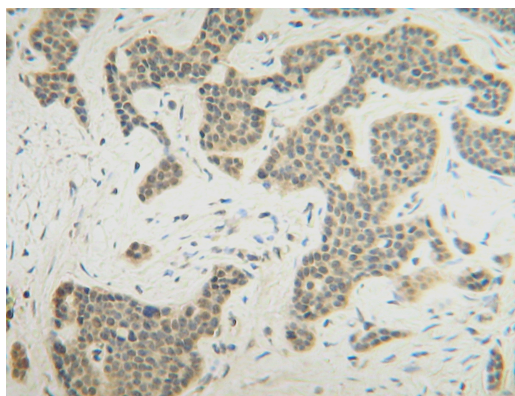
Database links	GeneID: 2255 Human Swiss-port # O15520 Human
Gene Symbol	FGF10
Gene Full Name	fibroblast growth factor 10
Background	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. This gene is also implicated to be a primary factor in the process of wound healing. [provided by RefSeq, Jul 2008]
Function	Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. May play a role in wound healing. [UniProt]
Calculated Mw	23 kDa

Images



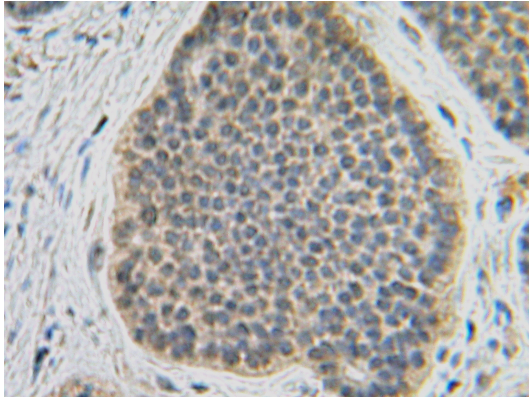
ARG56716 anti-FGF10 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded sections of Human carcinoid tissue. The recommended ARG56716 anti-FGF10 antibody concentration is 1.0 µg/ml - 2.5 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Antigen Retrieval: Boil tissue section in Sodium Citrate buffer (pH 6.0) followed by cooling at RT for 20 min.



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