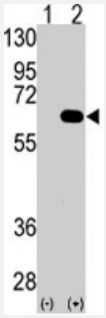
AMFR polyclonal antibody

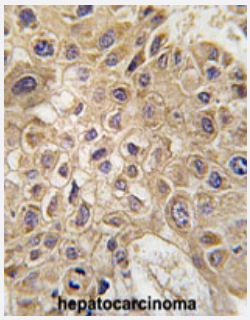
Catalog # PAB1684 Size 400 uL

Applications



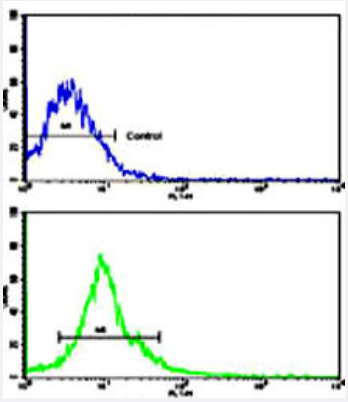
Western Blot (Transfected lysate)

Western blot analysis of AMFR (arrow) using AMFR polyclonal antibody (Cat # PAB1684). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the AMFR gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with AMFR polyclonal antibody (Cat # PAB1684) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow Cytometry

Flow cytometric analysis of HepG2 cells using AMFR polyclonal antibody (Cat # PAB1684)(bottom histogram) compared to a negative control cell (top histogram).
FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AMFR.

Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 571-601 of human AMFR.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) Flow cytometry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — AMFR

Entrez GeneID	267
Protein Accession#	P26442

Gene Name	AMFR
Gene Alias	GP78, RNF45
Gene Description	autocrine motility factor receptor
Omim ID	603243
Gene Ontology	Hyperlink
Gene Summary	Autocrine motility factor is a tumor motility-stimulating protein secreted by tumor cells. The protein encoded by this gene is a glycosylated transmembrane protein and a receptor for autocrine motili ty factor. The receptor, which shows some sequence similarity to tumor protein p53, is localized to the leading and trailing edges of carcinoma cells. [provided by RefSeq
Other Designations	-

Publication Reference

- Identification of an upstream region that controls the transcription of the human autocrine motility factor receptor.

  Huang B, Xie Y, Raz A.

  Biochemical and Biophysical Research Communications 1995 Jul; 212(3):727.

  Application: WB-Ce, WB-Tr, Human, Mammalian cells

- Purification of human tumor cell autocrine motility factor and molecular cloning of its receptor.

  Watanabe H, Carmi P, Hogan V, Raz T, Silletti S, Nabi IR, Raz A.

  The Journal of Biological Chemistry 1991 Jul; 266(20):13442.