Datasheet for ABIN388938

anti-AMFR antibody (AA 571-601)

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Overview

Quantity:	400 µL
Target:	AMFR
Binding Specificity:	AA 571-601
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMFR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This AMFR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 571-601 amino acids of human AMFR.
Clone:	RB4403-4404
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	AMFR
Alternative Name:	AMFR (AMFR Products)

Target Details

Background:	Autocrine motility factor (AMF) is a protein secreted by tumor cells that stimulates tumor motility. The gene for AMFR encodes a 323-amino acid polypeptide that has a single transmembrane domain and several putative glycosylation sites. The protein sequence has some homology to human tumor protein p53.
Molecular Weight:	72996
Gene ID:	267
NCBI Accession:	NP_001135
UniProt:	Q9UKV5
Pathways:	ER-Nucleus Signaling

Application Details

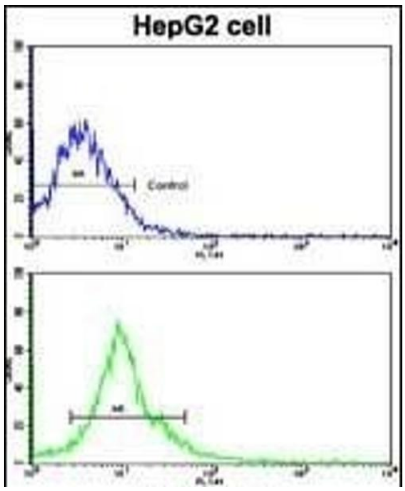
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

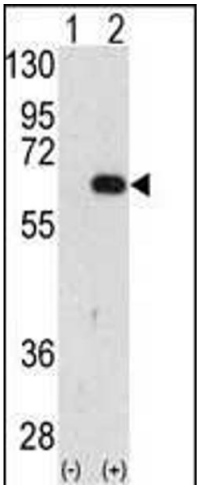
Publications

Product cited in:	Lei, Chen, Huang, Wu, Lin, Lai: "Proteomic analysis of the effect of extracellular calcium ions on human mesenchymal stem cells: Implications for bone tissue engineering." in: **Chemico-biological interactions**, Vol. 233, pp. 139-46, (2015) (PubMed).



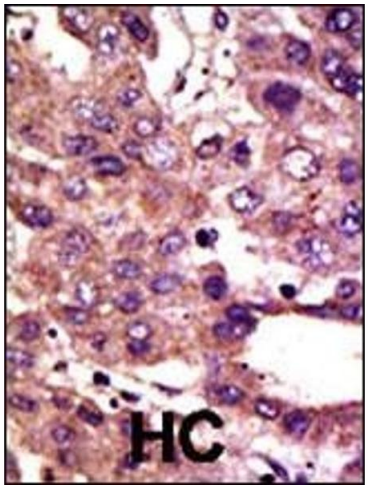
Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using FR Antibody (N-term)(bottom histogr) compared to a negative control cell (top histogr). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of FR (arrow) using FR Antibody (C-term) (ABIN388938 and ABIN2850529). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the FR gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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. BC = breast carcinoma, HC = hepatocarcinoma.

Please check the product details page for more images. Overall 4 images are available for ABIN388938.