

Recombinant Anti-Kallikrein 5 Rabbit mAb

Catalog # AP95353

Product Information

Application	WB, FC, IF/IC
Primary Accession	Q9Y337
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal
Calculated MW	32020

Additional Information

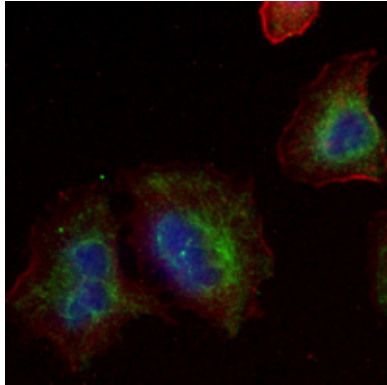
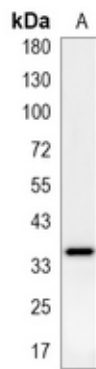
Gene ID	25818
Other Names	SCTE; Kallikrein-5; Kallikrein-like protein 2; KLK-L2; Stratum corneum tryptic enzyme
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Kallikrein 5 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	KLK5 (HGNC:6366)
Function	May be involved in desquamation.
Cellular Location	Secreted.
Tissue Location	Expressed in skin, breast, brain and testis. Expressed at the stratum granulosum of palmar skin

Images

Western blot analysis of Kallikrein 5 expression in MCF7
(A) whole cell lysates. (Predicted band size: 32 kD;
Observed band size: 37 kD)



Immunofluorescent analysis of Kallikrein 5 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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