

Anti-CD335 Antibody

Catalog # AP50728

Product Information

Application	WB, IF/IC
Primary Accession	O76036
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34480

Additional Information

Gene ID	9437
Other Names	LY94; Natural cytotoxicity triggering receptor 1; Lymphocyte antigen 94 homolog; NK cell-activating receptor; Natural killer cell p46-related protein; NK-p46; NKp46; hNKp46; CD335
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD335. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

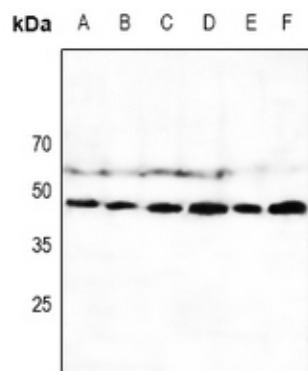
Name	NCR1
Synonyms	LY94
Function	Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Selectively expressed by both resting and activated NK cells.

References

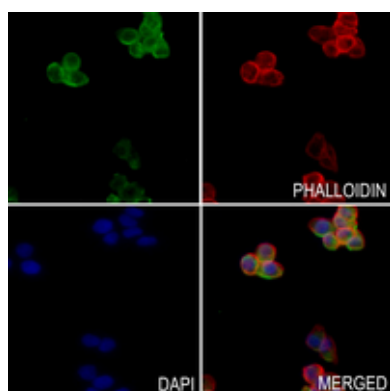
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Grimwood J.,et al.Nature 428:529-535(2004).
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Images



Western blot analysis of CD335 expression in HEK239T (A), HepG2 (B), MCF7 (C), A549 (D), mouse liver (E), rat liver (F) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 46 kD)



Immunofluorescent analysis of CD335 staining in HCCLM3 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 a 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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