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# Anti-CD85c Antibody

Catalog # AP60829

## Product Information

| | |
|---|---|
| **Application** | WB, IHC, IF/IC |
| **Primary Accession** | O75023 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 64067 |

## Additional Information

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|---|---|
| **Gene ID** | 10990 |
| **Other Names** | LIR8; Leukocyte immunoglobulin-like receptor subfamily B member 5; CD85 antigen-like family member C; Leukocyte immunoglobulin-like receptor 8; LIR-8; CD85c |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD85c. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/2000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/2000), IHC (1/50 - 1/200) 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

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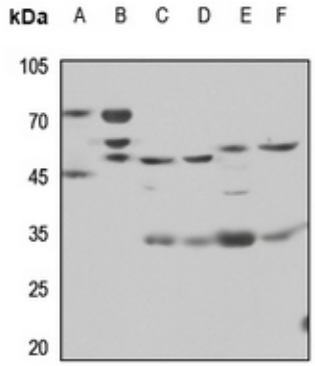
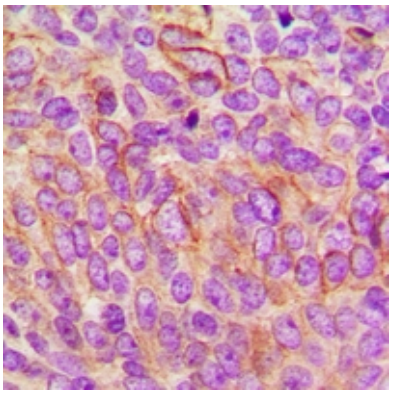
|---|---|
| **Name** | LILRB5 |
| **Synonyms** | LIR8 |
| **Function** | May act as receptor for class I MHC antigens. |
| **Cellular Location** | Membrane; Single-pass type I membrane protein. |
| **Tissue Location** | Detected in a natural killer (NK) cells. |

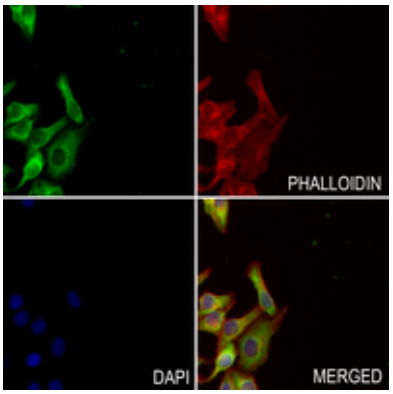
## Images



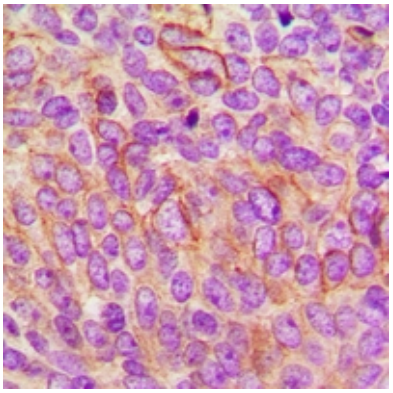

Western blot analysis of CD85c expression in HEK293T (A), Hela (B), mouse liver (C), mouse spleen (D), rat liver (E), rat spleen (F) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 66; 52 kD)



Immunohistochemical analysis of CD85c staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.




Immunofluorescent analysis of CD85c 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 hidified 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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