

## CD85f Polyclonal Antibody

|                              |                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No :</b>          | YT5465                                                                                                                    |
| <b>Reactivity :</b>          | Human                                                                                                                     |
| <b>Applications :</b>        | WB;ELISA                                                                                                                  |
| <b>Target :</b>              | CD85f                                                                                                                     |
| <b>Fields :</b>              | >>Osteoclast differentiation;>>B cell receptor signaling pathway                                                          |
| <b>Gene Name :</b>           | LILRA5                                                                                                                    |
| <b>Protein Name :</b>        | Leukocyte immunoglobulin-like receptor subfamily A member 5                                                               |
| <b>Human Gene Id :</b>       | 353514                                                                                                                    |
| <b>Human Swiss Prot No :</b> | A6NI73                                                                                                                    |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from the Internal region of human LILRA5. AA range:141-190 |
| <b>Specificity :</b>         | CD85f Polyclonal Antibody detects endogenous levels of CD85f protein.                                                     |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG                                                                                                    |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.                                                  |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.     |
| <b>Concentration :</b>       | 1 mg/ml                                                                                                                   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)                                                                            |
| <b>Observed Band :</b>       | 33kD                                                                                                                      |

## Background :

The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inhibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008],

## Function :

function:May plays a role in triggering innate immune responses. Seems not play a role for any class I MHC antigens recognition.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Expressed mostly in tissues of the hematopoietic system, including bone marrow, spleen, lymph node and peripheral leukocytes. Among leukocytes, monocytes and neutrophils express the highest level. Expressed in CD14+ monocytes, but not in T-cells, B-cells or natural killer (NK) cells (at protein level).,

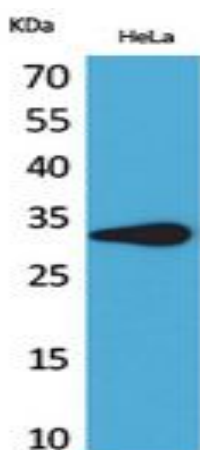
## Subcellular Location :

Cell membrane ; Single-pass type I membrane protein .; [Isoform 3]: Secreted .

## Expression :

Expressed mostly in tissues of the hematopoietic system, including bone marrow, spleen, lymph node and peripheral leukocytes. Among leukocytes, monocytes and neutrophils express the highest level. Expressed in CD14+ monocytes, but not in T-cells, B-cells or natural killer (NK) cells (at protein level).

## Products Images



Western Blot analysis of HeLa cells using CD85f Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000