

# ILT-3 Polyclonal Antibody

Cat No: HR1AP5693

For research use only

## Overview

|                       |  |
|-----------------------|--|
| Product Name          | ILT-3 Polyclonal Antibody  |
| Source                | Rabbit   |
| Applications          | IF,ELISA   |
| Species Reactivity    | Human  |
| Recommended Dilutions |  |
| Immunogen             |  |
| Species               | Rabbit   |
| Storage               | -20°C/1 year   |
| Isotype               |  |
| Clonality             |  |
| Concentration         | 1 mg/ml  |
| Observed band         | kDa  |
| GeneID?Human?         | LILRB4   |
| Human Swiss-Prot No.  |  |
| Cellular localization |  |
| Alternative Names     | LILRB4; ILT3; LIR5; Leukocyte immunoglobulin-like receptor subfamily B member 4; CD85 antigen-like family member K; Immunoglobulin-like transcript 3; ILT-3; Leukocyte immunoglobulin-like receptor 5; L   |
| Background            | <p>leukocyte immunoglobulin like receptor B4(LILRB4) Homo sapiens This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. The receptor can also function in antigen capture and presentation. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2</p> |