

ILT-3 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP04526

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human LILRB4. AA range:201-250

Mol wt 49298

Species reactivity Human

Clonality Polyclonal

Recommended application IF, ELISA

Concentration 1 mg/ml

Full name ILT-3 Antibody

Synonyms 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

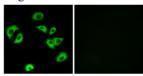
LILRB4 is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13. The leukocyte immunoglobulin like receptor B4 belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, 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.

Recommended Dilution

IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

Images



 $Immun of luorescence\ analysis\ of\ A549\ cells, using\ LILRB4\ Antibody.\ The\ picture\ on\ the\ right\ is\ blocked\ with\ the\ synthesized\ peptide.$

Storage

-20°C for one year