# LILRB3 Antibody

Catalog No: #36936

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## Description

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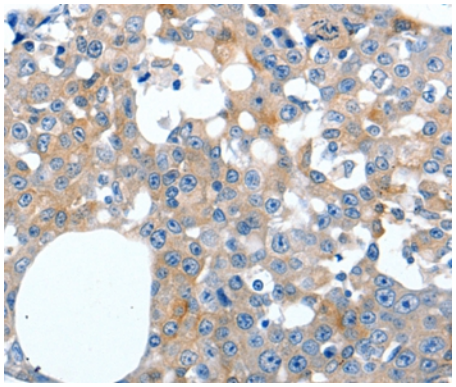
|---|---|
| Product Name | LILRB3 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total LILRB3 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthetic peptide corresponding to a region derived from internal residues of human leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3 |
| Target Name | LILRB3 |
| Other Names | HL9; ILT5; LIR3; PIRB; CD85A; ILT-5; LIR-3; LILRA6 |
| Accession No. | Swiss-Prot#: O75022 NCBI Gene ID: 102725035Gene Accssion: NP_001074919 |
| Uniprot | O75022 |
| GeneID | 102725035;107987462; |
| Concentration | 0.8mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| Storage | Store at -20°C |

## Application Details

Immunohistochemistry: 1:15-1:50

## Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #36936 at dilution 1/20.

## Background

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. 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.

Note: This product is for in vitro research use only