

LILRB polyclonal antibody

Catalog: BS60703

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The leukocyte Ig-like receptor subfamily B (LILRB) are type-I transmembrane glycoproteins containing ligand-binding extracellular IgG-like domains and immunoreceptor tyrosine-based inhibition motifs (ITIMs) within the cytoplasmic domain, which recruit SHP protein tyrosine phosphatases, leading to transduction of signals that inhibit immune cell activation. Encoded within a region of chromosome 19 known as the leukocyte receptor complex, the LILRB subfamily of inhibitory receptors consists of LILRB1 to LILRB5, also referred to as CD85J, CD85D, CD85A, CD85K, and CD85C, respectively. There is mounting evidence that LILRBs function, in part, as a novel class of immune checkpoint receptors and support tumor growth through the transmission of inhibitory signals upon engagement of ligands expressed on tumor cells.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 100 kDa

Swiss-Prot:

Q8NHL6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IF/ICC: 1:50~1:200

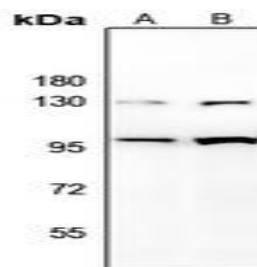
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

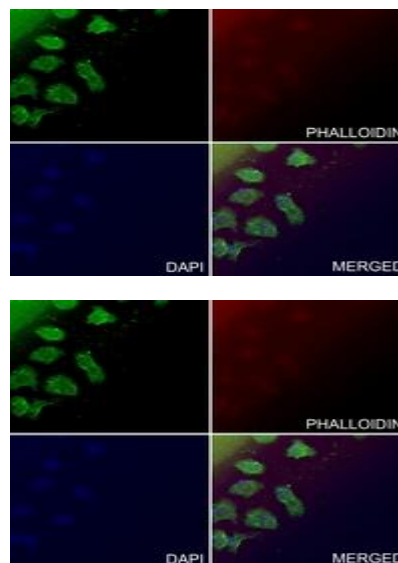
Specificity:

LILRB polyclonal antibody detects endogenous levels of LILRB protein.

DATA:



Western blot analysis of LILRB expression in HuT78 (A), Myla2059 (B) whole cell lysates.



Immunofluorescent analysis of LILRB staining in SGC7901 cells.

Note:

For research use only, not for use in diagnostic procedure.

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