



Pirb (m): 293T Lysate: sc-127286

BACKGROUND

Leukocyte immunoglobulin-like receptors (LIRs) are members of the immunoglobulin superfamily of glycoproteins and are predominantly expressed by monocytes, B cells, dendritic cells, natural killer (NK) cells, peripheral blood leukocytes and tissues such as placenta, lung and liver. These receptors all contain a cytoplasmic immunoreceptor tyrosine-based inhibitory motif (ITIM), have an inhibitory function and are type I membrane proteins. When they bind to MHC (or other ligands) and ITIM is tyrosine phosphorylated, protein-tyrosine phosphatases are recruited and an inhibitory signal cascade triggered. LILRB3 (leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3), also known as Pirb, is an 841 amino acid mouse protein that belongs to the LIR family of immunoglobulin glycoproteins.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Pirb (mouse) mapping to 7 A1.

PRODUCT

Pirb (m): 293T Lysate represents a lysate of mouse Pirb transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

Pirb (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Pirb antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

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

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.