

Anti-TSLP Receptor Antibody (Clone 22H9)

Biomaterial – Antibody

Biomaterial Description

This rat monoclonal antibody, Clone 22H9, specifically targets the extracellular domain of the murine thymic stromal lymphopoietin receptor (TSLPR/CRLF2). This antibody enables precise detection of TSLPR on hematopoietic and lymphoid cells and is optimized for flow cytometry applications. By targeting a key component of the TSLP signaling axis, Clone 22H9 supports investigation into cytokine-mediated immune regulation, including pathways involving Stat5 activation and cell proliferation.

Applications

- Flow cytometric profiling of TSLPR expression in murine immune cell populations
- Characterization of CRLF2-positive cells in models of allergy, inflammation, and hematopoiesis
- Mechanistic studies of TSLP signaling and receptor-ligand interactions
- Evaluation of cytokine receptor dynamics in genetically modified mouse strains

Advantages

- High-affinity binding to the extracellular domain of murine TSLPR
- Validated for flow cytometry in bone marrow and lymphoid tissues
- Compatible with C57BL/6 and other common mouse strains
- Available in unconjugated and APC-conjugated formats
- Supports studies of Stat5 activation and noncanonical cytokine signaling

Distributor Information

Non-Exclusive License available.

References

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