

Anti-LILRB4/ILT3/CD85k Antibody

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-LILRB4/ILT3/CD85k Antibody is a potent monoclonal antibody targeting the inhibitory receptor LILRB4, acting by blocking the binding of LILRB4 to its ligands such as APOE. The compound is an essential tool for investigating myeloid immune checkpoints, immune escape in acute myeloid leukemia (AML), and mechanisms of immune tolerance induction, aiming to restore the anti-tumor activity of effector T cells by lifting LILRB4-mediated signaling inhibition.
Targets(IC50)	Others
In vitro	In human monocytic AML cell lines (e.g., MV4-11), Anti-LILRB4/ILT3/CD85k Antibody (h12F6) blocked APOE binding to LILRB4 and inhibited SHP-1 recruitment, restoring T cell cytotoxicity [1].
In vivo	In NSG mouse models with human AML xenografts, systemic administration of Anti-LILRB4/ILT3/CD85k Antibody (h12F6) reduced leukemia cell infiltration into the liver and brain and prolonged survival [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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