

Anti-CD160 Antibody-PE (5N54)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	PE
Clone:	5N54
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human CD160 expression on human whole blood lymphocytes. Cells were stained with PE-conjugated anti-Human CD160 and APC-conjugated anti-Human CD56. The dot plots were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.
Application:	FCM
Recommended	5 µl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human CD160 / NK1 / BY55 Protein (TMPY-01905)
Antigen Species:	Human
Synonyms:	CD160 molecule;By55;AU045688
Biology Area:	Cancer Drug Targets

Research Background

CD16 antigen, also known as Natural killer cell receptor BY55 and CD16, is a cell membrane protein which contains one Ig-like V-type (immunoglobulin-like) domain. CD16 is a GPI-anchored lymphocyte surface receptor in which expression is mostly restricted to the highly cytotoxic CD56(dim)CD16(+) peripheral blood NK subset. CD16 is a receptor showing broad specificity for both classical and non-classical MHC class I molecules. CD16 is expressed in spleen, peripheral blood, and small intestine. Expression of CD16 is restricted to functional NK and T cytotoxic lymphocytes. CD16 acts as a co-activator receptor for CD3-induced proliferation of CD4+ CD16+ T cells isolated from inflammatory skin lesions. Unique CD4+ CD16+ lymphocyte subset may play a role in the pathogenesis of skin inflammation. Activated NK lymphocytes release a soluble form of CD16 that functionally impairs the MHC-I-specific cytotoxic CD8(+) T lymphocyte responsiveness. Cancer Immunotherapy Co-inhibitory Immune Checkpoint Targets Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: IHC Antibodies Immune Checkpoint Targets Immunotherapy Targeted Therapy

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