

Anti-CD160 Antibody (3P845)

Product Details

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| Ig Type: | Rabbit IgG |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Clone: | 3P845 |
| Purification: | Protein A |

Applications

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| Verified Activity: | Flow cytometric analysis of Human CD160 expression on human whole blood lymphocytes. Cells were stained with purified anti-Human CD160, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes. |
| Application: | FCM |
| Recommended | FCM: 1:25-1:100 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | Recombinant Protein: Human CD160 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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