Anti-Human CD2 Therapeutic Antibody (Siplizumab)

Cat. No: TAB-104

**PRODUCT INFORMATION**

**Product Overview**
Recombinant monoclonal antibody to CD2. Siplizumab (MEDI-507) is a novel monoclonal antibody with a human IgG1, kappa directed to CD2. The agent has shown potent immunomodulatory effects, selectively suppressing the function of T and NK cells, and is currently being tested as a possible treatment for psoriasis and in the prevention of graft-versus-host disease.

**Host**
Rat

**Specificity**
Tested positive against native human antigen.

**Target**
CD2

**Immunogen**
Human CD2 recombinant protein

**Derivation**
Humanized (from rat)

**Species Reactivity**
Human

**Type**
IgG1 - kappa

**Expression Host**
CHO

**CAS**
288392-69-8

**Generic Name**
Siplizumab

**Purity**
>95%, by SDS-PAGE with silver staining, under reducing conditions.

**Applications**
ELISA, IP, FC, FuncS, Neut, IF, ICC

**Application Notes**
The CD2 antibody has been reported in applications of Cyt.

**Size**
1mg

**Storage**
At -20°C for one year.

**Related Disease**
Psoriasis

**ANTIGEN INFORMATION**

**Introduction**
CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

**Alternative Names**
Siplizumab;288392-69-8;MEDI-507;CD2;CD2 molecule;CD2 antigen (p50), sheep red blood cell receptor , SRBC;T-cell surface antigen CD2;LFA-3 receptor;rosette receptor;erythrocyte receptor;lymphocyte-function antigen-2;T-cell surface antigen T11/Leu-5;CD2 ant

**Gene ID**
914

**UniProt ID**
P06729
### RELATED PRODUCTS

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<td>Anti-Human CD2 Therapeutic Antibody scFv Fragment (BTI-322 (also known as Lo-CD2a))</td>
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<tr>
<td>IAB-8074(A)</td>
<td>Recombinant Anti-human CD2 Intrabody [(D-Arg)9]</td>
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<td>NEUT-299CQ</td>
<td>Recombinant Rat Anti-CD2 Antibody (12-15)</td>
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<td>HPAB-0019-LSX-F(E)</td>
<td>Recombinant Mouse Anti-CD2 Fab Fragment (35.1)</td>
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<td>IAB-8074(G)</td>
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