

PRODUCT INFORMATION

Clone ID	1G6
Target	CD6
Synonyms	TP120
Host Species	Rabbit
Description	Anti-CD6 antibody(1G6); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P30203
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1/100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Usage	Research use only
Conjugate	Unconjugated



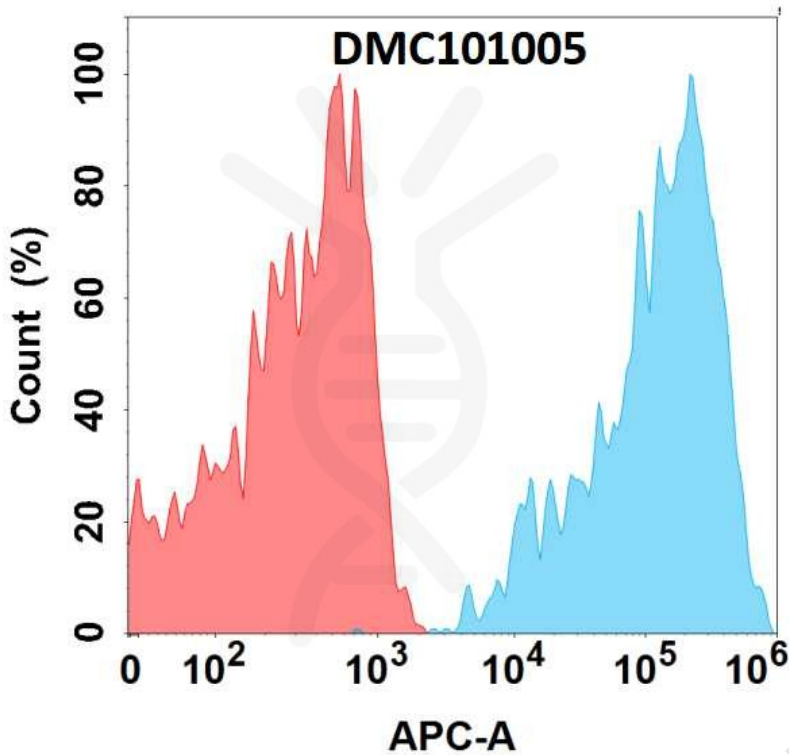


Figure 1. Flow cytometry analysis with Anti-CD6 (1G6) mAb on Expi293 cells transfected with human CD6 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

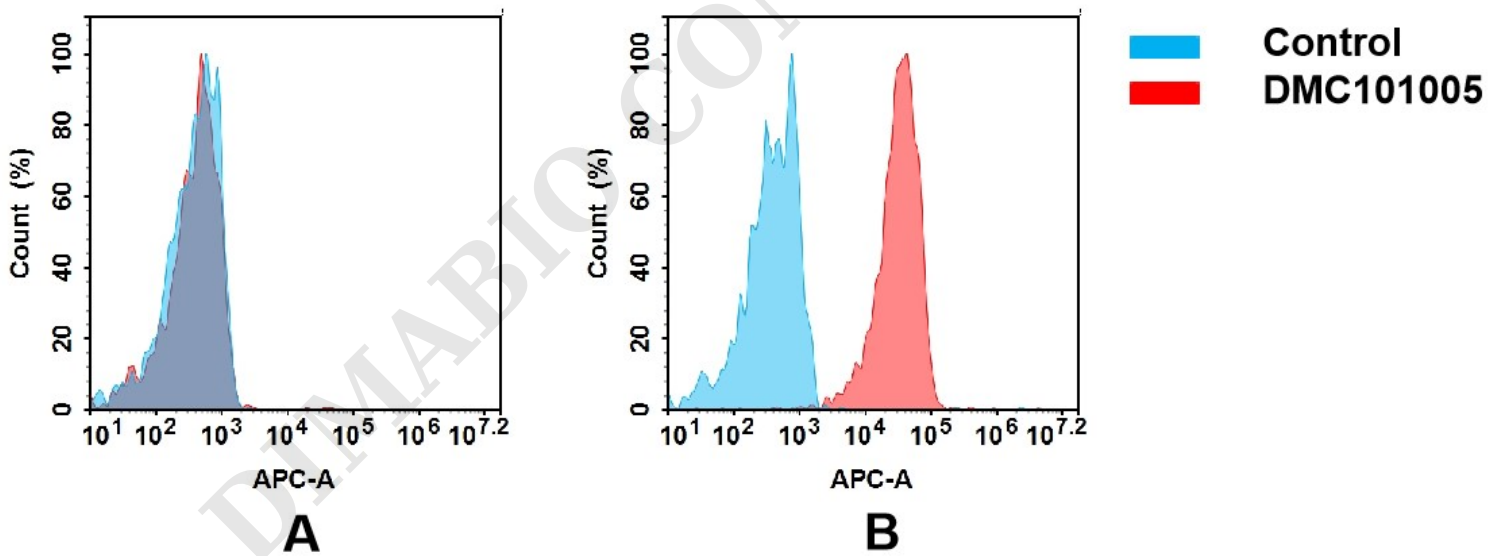


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD6 mAb(DMC101005).
 (A) DMC101005 does not bind to CHO-S cells that do not express CD6.
 (B) A clear peak shift of DMC101005 was seen compared to the control when incubated with CD6-expressing HUT78 cells, indicating strong binding of DMC101005 to CD6. Antibodies were incubated at 5 µg/mL.

