Reagent: Anti-Human CRTAM Hybridoma (CR24.2.8)

Catalog Number: 12850

Lot Number: 180214

Release Category: C

Provided: 1 mL of cells

Post thaw cell count = $2.9 \times 10^6$ cells/mL

Post thaw cell viability = 54.7%

Cell viability increased to 88% after 8 days in culture.

Cell Type: Hybridoma

Isotype: IgG2a

Propagation Medium: RPMI 1640, 88%; Fetal bovine serum, 10%; NEAA, 1%; Pen Strept, 1%; 1 mM. Na-Pyruvate; 100 µg/mL Kanamycin Sulfate; 50 µM. βME

Freeze Medium: Fetal bovine serum, 90%; DMSO, 10%

Description: This hybridoma produces the monoclonal antibody Anti-human CRTAM Monoclonal (CR24.2) cat# 12803, a monoclonal antibody to human CD355, the cytotoxic and regulatory T-cell molecule (CRTAM).

Special Characteristics: The Anti-human CRTAM Hybridoma (CR24.2.8) was recloned from Anti-human CRTAM Hybridoma (CR24.1), a hybridoma clone generated by the fusion of SP2/0 myeloma and lymph nodes cells from a BALB/c mice immunized with CRTAM-P815 cells.

CRTAM is found on activated NK cells and subset of CD8+ cells.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.
Sterility:  Negative for mycoplasma, bacteria, and fungi

Recommended Storage:  Keep the reagent in liquid nitrogen.

Contributor:  Dr. Marco Colonna


NOTE:  Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-Human CRTAM Hybridoma (CR24.2.8) from Dr. Marco Colonna (cat# 12850)." Also include the references cited above in any publications.

Last Updated:  July 16, 2019