Human CRTH-2 Antibody
Monoclonal Mouse IgG2A Clone # 301108
Catalog Number: MAB3338

DESCRIPTION
Species Reactivity: Human
Source: Monoclonal Mouse IgG2A Clone # 301108
Purification: Protein A or G purified from hybridoma culture supernatant
Immunogen: NS0 mouse myeloma cell line transfected with human CRTH-2 Met1-Ser395. Accession # Q9Y5Y4
Formulation: Lyophilized from a 0.2 μm filtered solution in PBS and NaCl with Trehalose. See Certificate of Analysis for details.

APPLICATIONS
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

| Sample                  | Recommended Concentration | Flow Cytometry  | Human CD3+ peripheral blood lymphocytes | CyTOF-ready | Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation. |

PREPARATION AND STORAGE
Reconstitution: Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND
CRTH-2, also known as GPR44, is a 7TM G protein-coupled receptor that is expressed by activated Th2 cells and eosinophils. CRTH-2 binds Prostaglandin D2 and induces chemotaxis of these cells in allergic and inflammatory immune responses. Human and mouse CRTH-2 share 78% amino acid sequence identity.