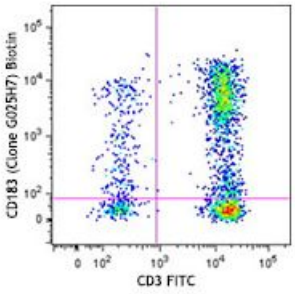
SONY

Product Data Sheet

Biotin anti-human CD183 (CXCR3)

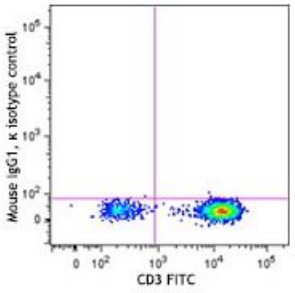
Catalog # / Size:	2368715 / 50 µg
Clone:	G025H7
Isotype:	Mouse IgG1, κ
Immunogen:	Human CXCR3 transfectants
Reactivity:	Human
Preparation:	The antibody was purified by affinity chromatography and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	Lot-specific



Human peripheral blood lymphocytes were stained with CD3 FITC and biotinylated CD183 (clone G025H7) (top) or biotinylated mouse IgG1, κ isotype control (bottom), followed by SAV-PE.

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.75 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.



Description:	Human CXCR3, also known as GPR9, is a chemokine receptor that binds CXCL9, CXCL10, and CXCL11. It is a 38 kD seven-pass transmembrane receptor coupled to G-protein. CXCR3 is highly expressed by T cells (Th1), natural killer cells (NK cells), dendritic cells, mast cells, alveolar macrophages, eosinophils, and human airway epithelial cells. CXCR3 is important for effector lymphocyte recruitment into inflamed tissue in various inflammatory and autoimmune diseases, such as chronically inflamed liver, Crohn's disease, rheumatoid arthritis, multiple sclerosis, and inflammatory skin diseases.
Antigen References:	1. Loetscher M, *et al.* 1996. *J. Exp. Med.* 184:963. 2. Cole KE, *et al.* 1998. *J. Exp. Med.* 187:2009. 3. Aksoy MO, *et al.* 2006. *Am. J. Physiol. Lung Cell Mol. Physiol.* 290:L909. 4. Curbi