



Hi-Puri™ Human Anti-Human CCR8 Monoclonal antibody, clone 1047 (DMAB- CLS25339)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It targets the N-terminal of CCR8. The IC50 values for 1047 in blocking CCL1-mediated chemotaxis is 1088 pM.
Target	Human CCR8
Immunogen	Human CCR8
Isotype	IgG
Source/Host	Human
Species Reactivity	Human, Cynomolgus Monkey
Clone	1047
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, FC, BL. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	lot specific
Size	200 µg, 1 mg

Buffer	PBS (endotoxin < 1EU/mg, lower endotoxin levels may also be offered upon request)
Preservative	None
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles.
Ship	Dry ice

BACKGROUND

Introduction	CCR8 (C-C motif chemokine receptor 8) is a G protein-coupled receptor that acts as a target for cancer therapies, primarily by its high expression on suppressive tumor-infiltrating regulatory T (Treg) cells. These CCR8+ Tregs are found within tumors and hinder anti-cancer immune responses. By targeting CCR8, researchers aim to selectively deplete these immunosuppressive cells to boost the body's anti-tumor immune response and improve immunotherapy outcomes.
Keywords	CCR8; chemokine (C-C motif) receptor 8; CY6; TER1; CCR-8; CKRL1; CDw198; CMKBR8; GPRCY6; CMKBRL2