

Anti-Complement factor D(human)**Mouse monoclonal antibody, biotinylated**

Subclass: IgG1/k

PRODUCT NO.

GAU 008-01 B

Clone: I8/1b

SPECIFICITY	GAU 008-01 is specific for complement factor D in human serum and plasma (1).
IMMUNOGEN	Human factor D (1)
TESTED APPLICATIONS	ELISA
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	Epitope specificity differs from that of GAU 010-04 (1).

PRESENTATION

Content:	150 µL, 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Biotinylated
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION **ELISA:** GAU 008-01 is used as a biotinylated detection antibody in sandwich ELISA with a GAU 010-04 capture (1).

TARGET Complement factor D is a serine protease of the alternative pathway of complement activation. The protein is a single chain polypeptide with a molecular mass of 25 kDa. Factor D cleaves factor B bound to C3b, generating the alternative pathway C3 convertase C3bBb and releasing the Ba fragment.

REFERENCES 1. Oppermann M, Baumgarten H, Brandt E, Gottsleben W, Kurts C, Gotze O (1990) Quantitation of components of the alternative pathway of complement (APC) by enzyme-linked immunosorbent

CONDITIONS

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