

Rabbit anti-Human CD177 mAb(DET)

Catalog No.: RMK0016

Basic Information

Catalog No.
RMK0016

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -84°C. Preservative-Free.


Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1% BSA, pH 7.8.

Contact

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Background

In association with beta-2 integrin heterodimer ITGAM/CD11b and ITGB2/CD18, mediates activation of TNF-alpha primed neutrophils including degranulation and superoxide production. In addition, by preventing beta-2 integrin internalization and attenuating chemokine signaling favors adhesion over migration. Heterophilic interaction with PECAM1 on endothelial cells plays a role in neutrophil transendothelial migration in vitro. However, appears to be dispensable for neutrophil recruitment caused by bacterial infection in vivo. Acts as a receptor for the mature form of protease PRTN3 allowing its display at the cell surface of neutrophils. By displaying PRTN3 at the neutrophil cell surface, may play a role in enhancing endothelial cell junctional integrity and thus vascular integrity during neutrophil diapedesis.

Immunogen Information

Immunogen
Recombinant Human CD177

Cross-Reactivity

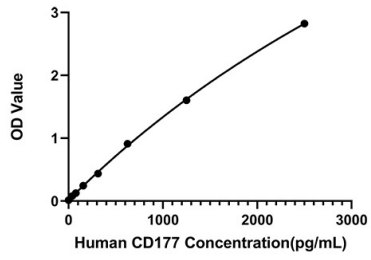
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Assay Applications

Human CD177 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human CD177 (CAP)(Cat. No.RMK0015)
ELISA Detection	0.0125-0.05ug/mL	Rabbit anti-Human CD177 (DET)(Cat. No.RMK0016)
Standard	39.06-2500pg/mL	Recombinant Human CD177 Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.