Leader in Biomolecular Solutions for Life Science

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# Rabbit anti-Human CD177 mAb

**Catalog No.: RMK0447**

## Basic Information

**Catalog No.**
RMK0447

**Catagory**
Elisa Antibody Kit

**Application**
Multiplex

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**
/

**Storage**
Store at -20℃
**Avoid repeated freeze-thaw cycles.**

**Formulation**
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact


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## Background

This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified.

## Immunogen Information

**Immunogen**
Recombinant Human CD177 Protein

## Cross-Reactivity

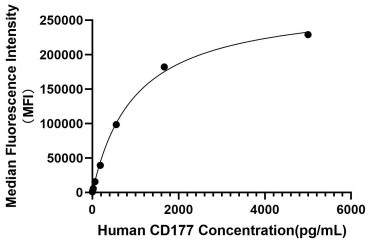
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## Assay Applications

Human CD177 Sandwich Immunoassay

| | | Recommended Concentration | Sample |
|---|---|---|---|
| Multiplex | Capture | 3-20 μg/mL | Rabbit anti-Human CD177 mAb (Cat. No. RMK0447) |
| | Detection | 0.017-2 μg/mL | Rabbit anti-Human CD177 mAb (Cat. No. RMK0448) |
| | Standard | 6.86-5000 pg/mL | Recombinant Human CD177 Protein |

## Validation Data




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