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
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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

order@abclonal.com

support@abclonal.com

www.abclonal.com

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

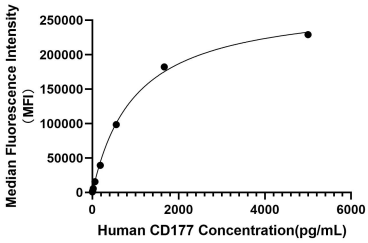
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Assay Applications

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.