

PE Rabbit anti-Human CD167a/DDR1 mAb

Catalog No.: A27528

Basic Information

Observed MW

Calculated MW
101kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC62175

Conjugate
PE. Ex:565nm. Em:574nm.

Background

Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID 780	Swiss Prot Q08345
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Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CAK; DDR; NEP; HGK2; PTK3; RTK6; TRKE; CD167; EDDR1; MCK10; NTRK4; PTK3A

Contact

☎		400-999-6126
✉		cn.market@abclonal.com.cn
🌐		www.abclonal.com.cn

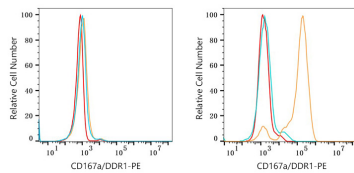
Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10⁶ HeLa cells (negative control, left) and T-47D cells (right) were surface-stained with PE Rabbit anti-Human CD167a/DDR1 mAb (A27528, 5 µl/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).