

12-9456: Anti-DDR1 antibody(DMC480); IgG1 Chimeric mAb

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|---------------------------|---|
| Clonality : | Monoclonal |
| Clone Name : | DMC480 |
| Application : | FACS |
| Reactivity : | Human |
| Uniprot ID : | Q08345 |
| Alternative Name : | CAK; EDDR1; NEP; NTRK4; PTK3A; RTK6; TRKE; MCK-10; HGK2; CD167a |
| Isotype : | Rabbit/Human Fc chimeric IgG1 |

Description

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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. [provided by RefSeq; Feb 2011]

Product Info

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|----------------------------|---|
| Amount : | 10 µg / 100 µg |
| Purification : | Purified from cell culture supernatant by affinity chromatography |
| Content : | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage condition : | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |

Application Note

FACS 1:100

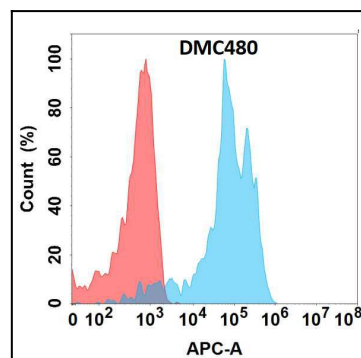


Figure 1. Flow cytometry analysis with Anti-DDR1 (DMC480) on Expi293 cells transfected with human DDR1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).