9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

| | |
|---|---|
| **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

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

| | |
|---|---|
| **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

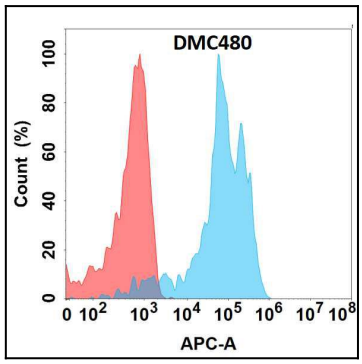



Figure 1. Flow cytometry analysis with Anti-DDR1 (DMC480) on Expi293 cells transfected with human DDR1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***