

## Datasheet for ABIN7608182 **anti-DDR1 antibody (Biotin)**

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### Overview

|              |                                            |
|--------------|--------------------------------------------|
| Quantity:    | 10 µg                                      |
| Target:      | DDR1                                       |
| Reactivity:  | Human                                      |
| Host:        | Human, Rabbit                              |
| Clonality:   | Chimeric                                   |
| Conjugate:   | This DDR1 antibody is conjugated to Biotin |
| Application: | Flow Cytometry (FACS)                      |

### Product Details

|               |                                                                   |
|---------------|-------------------------------------------------------------------|
| Purpose:      | Biotinylated Anti-DDR1 antibody(DMC480), IgG1 Chimeric mAb        |
| Clone:        | DMC480                                                            |
| Isotype:      | IgG1                                                              |
| Purification: | Purified from cell culture supernatant by affinity chromatography |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | DDR1                                                                                                                                                                                                                                                                                                                                                                        |
| Alternative Name: | DDR1 ( <a href="#">DDR1 Products</a> )                                                                                                                                                                                                                                                                                                                                      |
| 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 |

### Target Details

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]

|           |                                                             |
|-----------|-------------------------------------------------------------|
| UniProt:  | <a href="#">Q08345</a>                                      |
| Pathways: | <a href="#">RTK Signaling, Smooth Muscle Cell Migration</a> |

### Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | Flow Cyt 1:100        |
| Restrictions:      | For Research Use only |

### Handling

|                  |                                                                                                                                                                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                                                                                                            |
| Buffer:          | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.                                                                                                                                      |
| Storage:         | -20 °C,-80 °C                                                                                                                                                                                                                                          |
| Storage Comment: | 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).<br>Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date:     | 12 months                                                                                                                                                                                                                                              |