

#### DESCRIPTION

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| <b>Species Reactivity</b>                                                                                                                                                                               | Human                                                                                                            |
| <b>Specificity</b>                                                                                                                                                                                      | Detects human Integrin $\beta$ 2 in direct ELISAs and Western blots.                                             |
| <b>Source</b>                                                                                                                                                                                           | Polyclonal Goat IgG                                                                                              |
| <b>Purification</b>                                                                                                                                                                                     | Antigen Affinity-purified                                                                                        |
| <b>Immunogen</b>                                                                                                                                                                                        | Mouse myeloma cell line NS0-derived recombinant human Integrin $\beta$ 2<br>Gln23-Asn700<br>Accession # AAA59490 |
| <b>Conjugate</b>                                                                                                                                                                                        | Alexa Fluor 405<br>Excitation Wavelength: 405 nm<br>Emission Wavelength: 421 nm                                  |
| <b>Formulation</b>                                                                                                                                                                                      | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide                                                     |
| *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |                                                                                                                  |

#### APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

|                            |                                                                        |
|----------------------------|------------------------------------------------------------------------|
| <b>CyTOF-ready</b>         | Optimal dilution of this antibody should be experimentally determined. |
| <b>Adhesion Blockade</b>   | Optimal dilution of this antibody should be experimentally determined. |
| <b>Flow Cytometry</b>      | Optimal dilution of this antibody should be experimentally determined. |
| <b>Immunocytochemistry</b> | Optimal dilution of this antibody should be experimentally determined. |

#### PREPARATION AND STORAGE

|                                |                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| <b>Stability &amp; Storage</b> | Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied                          |

#### BACKGROUND

Integrin  $\beta$ 2 is a transmembrane protein expressed by all leukocytes. It occurs in heterodimeric complexes with Integrin subunits  $\alpha$ D,  $\alpha$ L (complex also known as LFA-1),  $\alpha$ M (Mac-1), or  $\alpha$ X (CR-4). These complexes are important in adhesion and leukocyte trafficking.

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