# Integrin beta 1 / CD29 (phospho Thr788/Thr789) antibody

## Cat. No. GTX25189

| | |
|---|---|
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Applications** | WB, ICC/IF |
| **Reactivity** | Human, Mouse, Cat |

References ( 1 )
Package
50 µl

## Applications

**Application Note**

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|---|---|
| WB | 1:250 |
| ICC/IF | 1:250 |

Not tested in other applications.

**Calculated MW** 88 kDa. ( Note )

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS, 0.1% BSA, 50% Glycerol |
| **Preservative** | 0.05% Sodium azide |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. |
| **Concentration** | Batch dependent (Please refer to the vial label for the specific concentration.) |
| **Immunogen** | The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human integrin b1 receptor that contains threonines 788 and 789 (based on Swiss Protein database, accession number P05558). The sequence is conserved in human, mouse, rat and chicken. |
| **Purification** | Purified by antigen-affinity chromatography |
| **Conjugation** | Unconjugated |
| **Note** | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.<br><br>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

For full product information, images and publications, please visit our website.



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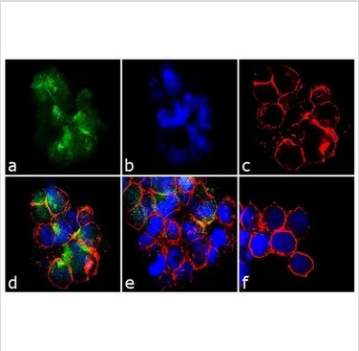
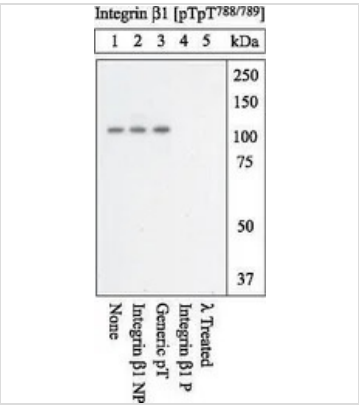
## DATA IMAGES



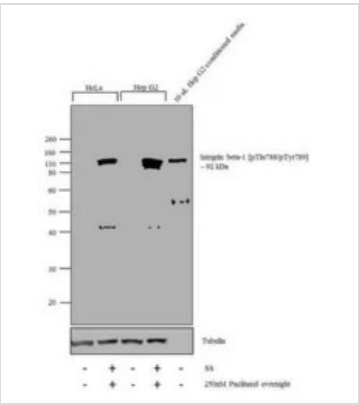

### GTX25189 ICC/IF Image

ICC/IF analysis of THP-1 cells treated with 100ng/mL of IFN-gamma for 15 minutes using GTX25189 Integrin beta 1 / CD29 (phospho Thr788/Thr789) antibody. Panel e is untreated cell with no signal. Panel f represents control cells with no primary antibody to assess background.
Green : Primary antibody
Blue : Nuclei
Red : Actin
Fixation : 4% paraformaldehyde
Permeabilization : 0.1% Triton X-100 for 10 minutes




### GTX25189 WB Image

WB analysis of serum-starved mitotic HeLa cells generated by treatment with 100 ng/mL taxol for 16 hours using GTX25189 Integrin beta 1 / CD29 (phospho Thr788/Thr789) antibody. The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody. The membrane treated with phosphatase (Lane 5) eliminates the signal further verifying that the antibody is phospho-specific.



### GTX25189 WB Image

WB analysis of membrane enriched extracts (30 µg lysate) of HeLa (Lane 1) treated with Paclitaxel (Lane 2), HepG2 (Lane 3) treated with Paclitaxel (Lane 4), and 10 µL of conditioned media from HepG2 cell line (Lane 5) using GTX25189 Integrin beta 1 / CD29 (phospho Thr788/Thr789) antibody.
Dilution : 1:250

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