

## Integrin beta 1 / CD29 antibody [BV7]

Cat. No. GTX54427

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, FCM, IP, ELISA, Neutralizing/Inhibition
Reactivity	Human

Package  
50 µg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
FCM	Assay dependent
IP	Assay dependent
ELISA	Assay dependent
Neutralizing/Inhibition	Assay dependent

**Note :** Cells were fixed in 4% paraformaldehyde before staining.

**Antibody BV7 functions as an inhibiting antibody. The antibody was functionally tested by adhesion assay, chemotaxis, patch clamp analysis and neurotoxicity induced apoptosis.**

Not tested in other applications.

Calculated MW	88 kDa. ( <a href="#">Note</a> )
Product Note	This antibody stains the extracellular domain of beta-1 integrin. The monoclonal antibody BV7 does not recognize $\alpha 5\beta 1$ complex and not the cytoplasmic part of the $\beta 1$ -subunit. Monoclonal antibody BV7 is active on HT-29 colon carcinoma cells and on HCCP-2998 tumor cells. BV7 binds to several other tumor cells (MG3 osteosarcoma, A375 melanoma, MHCC-1410 and Lovo colon carcinoma) but does not affect adhesion to endothelial cells.

## Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human umbilical vein EC



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<b>Purification</b>	Purified IgG1
<b>Conjugation</b>	Unconjugated
<b>Note</b>	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p>



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