

## Vedolizumab

Catalog #	Source	Reactivity	Applications
CBA1019	Humanized	Human	Functional Assay
<b>Description</b>	Anti-LPAM-1 ( $\alpha 4\beta 7$ integrin) [Vedolizumab]		
<b>Immunogen</b>			
<b>Purification</b>	Affinity Chromatography		
<b>Specificity</b>			
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	IgG1, liquid in 10 mmol/L PBS, pH 7.2		
<b>Dilution</b>			
<b>Gene Symbol</b>	ITGA4; ITGB7		
<b>Alternative Names</b>	CD49D; Integrin alpha-4; CD49 antigen-like family member D; Integrin alpha-IV; VLA-4 subunit alpha; CD antigen CD49d; Integrin beta-7; Gut homing receptor beta subunit		
<b>Entrez Gene</b>	0		
<b>SwissProt</b>	P13612; P26010		
<b>Directions for Use</b>	Vedolizumab, an integrin receptor antagonist, is a humanized IgG1 monoclonal antibody produced in Chinese hamster ovary cells that binds to the human $\alpha 4\beta 7$ integrin. For research use only: it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.		
<b>Storage/Stability</b>	Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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