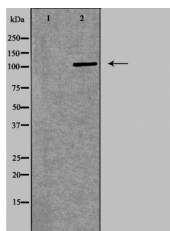


Integrin alpha4 Ab

[Images\(1\)](#)

| | | |
|---------------|-----------------|-----------------------|
| Cat.#: DF6135 | Concn.: ~1mg/ml | Mol.Wt.: 115kDa |
| Size: | Source: Rabbit | Clonality: Polyclonal |

| | |
|---------------|---|
| Application: | WB 1:500-1:2000, IHC 1:50-1:200 *The optimal dilutions should be determined by the end user. |
| Reactivity: | Human, Mouse, Rat |
| Storage: | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |
| Immunogen: | A synthesized peptide derived from human Integrin alpha4, corresponding to a region within C-terminal amino acids. |
| Uniprot: | P13612 |
| Description: | Integrins are $\alpha\beta$ heterodimeric cell surface receptors that play a pivotal role in cell adhesion and migration, as well as in growth and survival (1,2). The integrin family contains at least 18 α and 8 β subunits that form 24 known integrins with distinct tissue distribution and overlapping ligand specificities. Integrins not only transmit signals to cells in response to the extracellular environment (outside-in signaling), but also sense intracellular cues to alter their interaction with the extracellular environment (inside-out signaling) (1,2). A pair of important α integrins, $\alpha4\beta1$ and $\alpha4\beta7$, interact with VCAM-1, fibronectin, and MAdCAM-1 at cell adhesions. |



Western blot analysis of Jurkat lysates using ITGA4 Ab. The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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