

## Anti-alpha-4 integrin [21.6] Bulk Size Ab00644-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** 21.6

**Alternative Name(s) of Target:** CD49D; CD49 antigen-like family member D; Integrin alpha-IV; VLA-4 subunit alpha

**UniProt Accession Number of Target Protein:** P13612

**Published Application(s):** Block, ELISA

**Published Species Reactivity:** Human

**Immunogen:** Alpha-4 integrin.

**Specificity:** This antibody binds to human alpha-4-integrin

**Application Notes:** This antibody binds to human alpha-4-integrin and can inhibit the binding of lymphocytes to endothelial cells, suppressing inflammation.

**Antibody First Published in:** Methods of inhibiting alpha-4-dependent interactions with VCAM-1 with anti-VLA-4 antibodies Patent US8246958 [PMID:](#)

**Note on publication:** Describes the use of this murine antibody and humanized counterpart, their affinities and biological function.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.