

Product Information

Anti-Integrin β 1 antibody produced in chicken, affinity isolated antibody

Catalog Number **GW22754**

Formerly listed as GenWay Catalog Number 15-288-22754, Integrin beta-1 Antibody
Storage Temperature -20°C

Synonyms: Integrin beta 1 isoform 1A, Fibronectin receptor subunit beta, Integrin VLA-4 subunit beta, CD29 antigen

Product Description

Integrin β 1, also known as CD29, is a 130 kDa transmembrane glycoprotein that forms noncovalent complexes with various Integrin α subunits. These complexes form the functional receptors that bind to specific extracellular matrix proteins. Integrin β 1 recognizes the sequence R-G-D in a wide array of ligands.

NCBI Accession number: NP_596867.1

Swiss Prot Accession number: P05556

Gene Information: Human .. ITGB1 (3688)

Immunogen: Recombinant protein Integrin β 1, Isoform 1A

Immunogen Sequence: Gi # 19743823,
sequence 21–140

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500 for tissue or 1:200 for cell staining.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at $2-8^{\circ}\text{C}$ for up to one week. For extended storage, store in -20°C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

KAA,LPG,MAM 02/10-1

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