

Technical Data Sheet

InVivoMAb anti-human VISTA



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: BE0436
Clone: GG8
Isotype: Mouse IgG1, κ
Recommended Isotype Control(s): InVivoMAb mouse IgG1 isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: Not available or unknown
Reported Applications: Immunohistochemistry-paraffin
Flow cytometry
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/ μ g)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μ m filtration
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID:
Molecular Weight: 150 kDa

Description

The GG8 monoclonal antibody reacts with human VISTA (V-type immunoglobulin domain-containing suppressor of T cell activation), which is a negative checkpoint regulator (NCR) from the B7 family. Several in vitro and in vivo studies have demonstrated that the VISTA protein acts as a ligand as well as a receptor. VISTA is mainly expressed by myeloid cells and T cells, and in the CNS, VISTA is also expressed by microglial and endothelial cells. Unlike other NCR proteins, VISTA is expressed on naïve T cells, wherein its expression is negatively regulated by T cell activation. Besides its role in regulation of T cell quiescence (i.e., the suppression of T cells), VISTA is involved in efferocytosis, cytokine production (IL-10, IFN- γ , and TNF- α), and chemotaxis in myeloid cells.

Storage

Store at the stock concentration at 4°C. **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate

dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

customerservice@bioxcell.com

Conditions: For research use only. Not for use in diagnostic or therapeutic procedures.

Not for resale.

Bio X Cell, Bio X Cell logo, and all other trademarks are the property of Bio X Cell, LLC © 2024 Bio X Cell, LLC