

Granulocyte Marker Antibody [clone BM-2] (V2339)

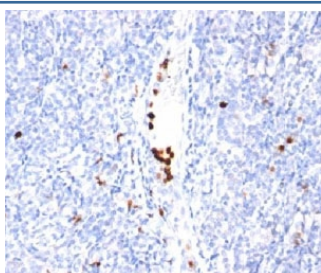
| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V2339-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V2339-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V2339SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |
| V2339IHC-7ML | Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only* | 7 ml |



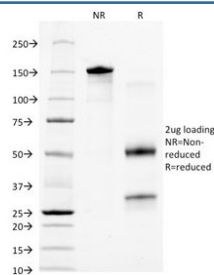
Citations (1)

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|---------------------------|--|
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG1, kappa |
| Clone Name | BM-2 |
| Purity | Protein G affinity chromatography |
| Buffer | 1X PBS, pH 7.4 |
| Gene ID | Unknown |
| Localization | Cytoplasmic |
| Applications | Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT |
| Limitations | This Granulocyte Marker antibody is available for research use only. |



IHC staining of tonsil tissue with Granulocyte Marker antibody (clone BM-2). Note specific cytoplasmic staining.



SDS-PAGE Analysis of Purified, BSA-Free Granulocyte Marker Antibody (clone BM-2). Confirmation of Integrity and Purity of the Antibody.

Description

This antibody recognizes an unidentified antigen in the cytoplasm of mature granulocytes and can be used as a granulocyte marker in normal tissues or inflammatory processes. The granulocyte marker antibody shows no reactivity with any other cell type in human tissues. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. Clone BM-2 mAb reacts with early precursor and mature forms of human myeloid cells. It is useful for the detection of myeloid leukemias and granulocytic sarcomas.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Granulocyte Marker antibody to be titrated up or down for optimal performance.

1. No special pretreatment is required for staining of formalin/paraffin tissues.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Nuclei from pokeweed mitogen stimulated human peripheral blood lymphocytes were used as the immunogen for this Granulocyte Marker antibody.

Storage

Store the Granulocyte Marker antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

References (1)