

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: P01158B **Lot #:** 2F16216

Description: MAb to CD15 Granulocytes
Monoclonal Antibody to CD15 (Granulocytes)
Biotin Conjugated

Specificity: Recognizes a (Mr 156 kDa) cell surface glycoprotein expressed on virtually all peripheral blood granulocytes.(1,2,3) The CD15 antigen is expressed on approximately 95% of human peripheral blood eosinophils and neutrophils and is present on approximately 20% of mature circulating monocytes. Anti-CD15 has virtually no reactivity with T or B cells.(1,2,3)

Clone: TG1

Host Animal: Mouse. Hybridization of NS1-Ag4/1 myeloma cells with spleen cells from CBA mice. **Isotype:** IgM

Source: Tissue Culture

Immunogen: Thymocyte glycoprotein fraction adsorbed to Con A and eluted with 0.1 M Glucose.

Format: Biotin, Liquid

Purification: Ion exchange chromatography and gel filtration.

Concentration: 0.1 mg/mL (OD280nm)

Buffer: 0.01 M PBS, pH7.4 containing 1% BSA.

Preservative: 0.09% Sodium Azide

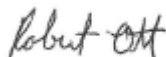
Applications: Suitable for use in Flow Cytometry, IFA and IHC (acetone-fixed frozen sections). May be used for enumerating mature granulocytes in peripheral blood. We recommend using 1 µg to stain 1.0×10^6 cells in Flow Cytometric applications. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C. **DO NOT FREEZE.**

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References:

1. Hogg, N.H., et al., (1984), *Immunology*, **53**, 753.
2. Beverley, P.C.L., et al., (1980), *Nature*, **287**, 332.
3. Linch, D.C., et al., (1984), *Blood*, **63**, 566.



Signature

10 Jun 2016

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY