Monoclonal Mouse Anti-Human CD15/FITC
Clone C3D-1

Code F0830

Analyte specific reagent. Analytical and performance characteristics are not established.

Summary and explanation
CD15 is a carbohydrate antigen carried by both glycoproteins and glycolipids. The structure of the antigen was determined to be Gal[1→4]Fuc[1→3]GlcNAc[1→3]Gal[1→R]. CD15 serves as a ligand for selectins and might also be involved in cell adhesion through a direct Lewis X-Lewis X interaction. CD15 is expressed mainly on mature granulocytes and monocytes but also on immature bone marrow cells (1). Anti-CD15, C3D-1, was included in the Sixth International Workshop and Conference on Human Leucocyte Differentiation Antigens, and studies by a number of laboratories confirmed its reactivity with CD15 (1).

Reagent provided
F0830 is a purified monoclonal mouse antibody conjugated with fluorescein isothiocyanate isomer 1 (FITC). The conjugate is provided in liquid form in buffer containing 1% bovine serum albumin (BSA) and 15 mmol/L NaNO₃, pH 7.2.

Isotype: IgM, kappa. Conjugate concentration mg/L: See label on vial.

Immunogen
Purified human neutrophils.

Precautions
1. Analyte specific reagent. Analytical and performance characteristics are not established.
2. For professional users.
3. This product contains sodium azide (NaNO₃), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, sodium azide may react with lead and copper plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing.
4. As with any product derived from biological sources, proper handling procedures should be used.
5. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.
6. Unused solution should be disposed of according to local, State and Federal regulations.

Storage
Store in the dark at 2-8 °C. Do not use after expiration date stamped on vial. If reagents are stored under any conditions other than those specified, the conditions must be verified by the user. There are no obvious signs to indicate instability of this product. If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact Dako Technical Support.

References

Explanation of symbols

- Catalogue number
- Keep away from sunlight
- Manufacturer
- Consult instructions for use
- Temperature limitation
- Use by
- Distributed by:
  - Dako North America, Inc.
  - 6392 Via Real
  - Carpania, California 93013 USA
  - Tel. 805 566 6655
  - Fax 805 566 6688
  - Technical Support 800 424 0021
  - Customer Service 800 235 5763

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