Monoclonal Mouse Anti-Human CD235a, Glycophorin A/FITC, Clone JC159

Monoclonal Mouse Anti-Human CD235a, Glycophorin A/RPE, Clone JC159

Summary and explanation
Glycophorin A, CD235a, is a single-pass membrane sialoglycoprotein and carrier of the blood group specificities M and N. The gene is located on chromosome 4q28-q31 and share sequence homology with genes encoding glycophorin B and glycophorin E (1). Glycophorin A is expressed by erythroid cells beginning on morphologically recognizable erythroid precursors, just after the CFU-E stage, to the mature erythrocyte. Once glycophorin A is maximally expressed, the amount in each erythroid cell remains constant and does not appear to change during further maturation (2).

Reagent provided
F0870 is a purified monoclonal mouse antibody conjugated with fluorescein isothiocyanate isomer 1 (FITC). R7078 is a purified monoclonal mouse antibody conjugated with R-phycoerythrin (RPE).

The conjugates are provided in liquid form in buffer containing 1% bovine serum albumin (BSA) and 15 mmol/L NaN₃, pH 7.2.

Isotype: IgG1, kappa. Conjugate concentration mg/L: See label on vial.

Immunogen
Membrane extracts of hairy cell leukemia prepared from human spleen (3).

Precautions
1. Analyte specific reagent. Analytical and performance characteristics are not established.
2. For professional users.
3. This product contains sodium azide (NaN₃), 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. Minimize microbial contamination of reagents or increase in nonspecific staining may occur.
5. As with any product derived from biological sources, proper handling procedures should be used.
6. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.
7. 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
<table>
<thead>
<tr>
<th>REF</th>
<th>Catalogue number</th>
<th>Keep away from sunlight (consult storage section)</th>
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(110388-002) F0870/R7078/ASR/LRU/2009.01.06 p. 1/1
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