

Diagnosis of PNH

CD55 and CD59 antibodies



Samples available

IQ Products

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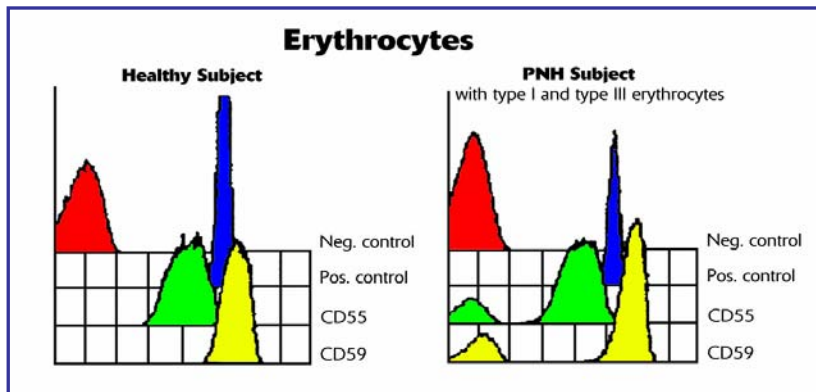
CD55 and CD59 Antibodies

PNH is an acquired haemopoietic stem cell disorder caused by a somatic mutation of the PIG-A gene, essential in the biosynthesis of the glycosylphosphatidylinositol (GPI) anchor. Clinical expressions are intravascular hemolysis and recurrent thrombosis. PNH is frequently associated with aplastic anemia.

The haemolytic anaemia seen in PNH is caused by a partial or complete deficiency of two GPI-linked complement regulatory molecules from the cell membrane present on all peripheral blood cells:

CD55 **Decay-Acceleration Factor (DAF)**
CD59 **Membrane Inhibitor of Reactive Lysis (MIRL)**

The expression of CD55 and CD59 makes these markers ideal for an early and highly sensitive detection of GPI-deficient cells within all cell types, for PNH diagnosis or follow up studies. Use of lineage specific positive controls the absence or reduced membrane expression of these GPI linked proteins can be easily determined.



Results on erythrocytes.

Unlike the other lineages, erythrocytes are very useful in discriminating the different PNH cell populations: Type I (normal), Type II (partially deficient) and Type III (completely deficient). Pos. control - Anti-glycophorin A+B

Singles (1 ml/100 tests)

Specificity	Clone	Subclass	FITC Code	R-PE Code
CD55	NaM16-4D3	Mo IgG1	IQP-521F	IQP-520R
CD59	NaM172-2B5	Mo IgG1	IQP-521R	IQP-521R
Isotype control	MCG1	Mo IgG1	IQP-191F	IQP-191R

Duals (1 ml/50 tests)

FITC	R-PE	Code
CD59	CD55	IQP-273FR
IgG1	IgG1	IQP-291FR



FREE SAMPLE REPLY FORM

Name		Institution		Department	
Telephone		Fax		E-mail	
Street address				Postal Code	
City		Country			

Amount	Description	Code	Volume
1			5-10 tests Free of charge
1			5-10 tests Free of charge
1			5-10 tests Free of charge

Availability Conditions Samples can be supplied directly from stock
 Maximum of 1 sample per product type per customer

You can fax this reply form to: **+31 (0) 50 5757 002**

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