

## Mouse anti-Glycophorin A, clone GA-R2 &amp; HIR2 (Monoclonal)

Clone no. GA-R2 (HIR2)

MONOSAN

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Product name	Mouse anti-Glycophorin A, clone GA-R2 & HIR2 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2b-k
Clonality	Monoclonal
Clone number	GA-R2 (HIR2)
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Glycophorins A and B are major sialoglycoproteins expressed across the surface of the human erythrocyte membrane and contain the antigenic determinants that define the MNS blood group system.<sup>1</sup> The high sialic acid content of glycophorin A contributes to the generation of a net negative surface charge across erythrocyte membranes that minimizes interactions between red blood cells and prevents their aggregation. Anti-glycophorin A has utility in identifying cells of the erythroid lineage.

**References**

1. Reid ME et al., Immunohematol 2009;25:95-101
2. Olsen RJ et al. Arch Pathol Lab Med 2008; 132:462-75
3. -
4. -
5. -

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