

## Purified anti-human CD235ab (Maxpar<sup>®</sup> Ready) Antibody

<b>Catalog# / Size</b>	306615 / 100 µg
<b>Clone</b>	HIR2
<b>Regulatory Status</b>	RUO
<b>Workshop</b>	VII 70299
<b>Other Names</b>	Glycophorin A/B, GPA/GPB
<b>Isotype</b>	Mouse IgG2b, κ
<b>Description</b>	The HIR2 antibody reacts with a common epitope of glycophorin A (CD235a) and glycophorin B (CD235b). Glycophorin A is the major sialoglycoprotein expressed on red blood cell membrane, and erythroid precursors. Glycophorin A shares strong homology with glycophorin B. The HIR2 antibody recognizes human RBCs and erythroid precursors and is useful in erythroid cell development studies. Mature, non-nucleated red blood cells are characteristically glycophorin A positive, but CD45 and CD71 negative.

### Product Details

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<b>Verified Reactivity</b>	Human
<b>Reported Reactivity</b>	African Green, Baboon
<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and EDTA.
<b>Preparation</b>	The antibody was purified by affinity chromatography.
<b>Concentration</b>	1.0 mg/ml
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C.
<b>Application</b>	<a href="#">FC - Quality tested</a> <a href="#">CyTOF<sup>®</sup> - Verified</a>
<b>Recommended Usage</b>	This product is suitable for use with the <a href="#">Maxpar<sup>®</sup> Metal Labeling Kits</a> . For metal labeling using Maxpar <sup>®</sup> Ready antibodies, proceed directly to the step to Partially Reduce the Antibody by adding 100 µl of Maxpar <sup>®</sup> Ready antibody to 100 µl of 4 mM TCEP-R in a 50 kDa filter and continue with the protocol. Always refer to the latest version of Maxpar <sup>®</sup> User Guide when conjugating Maxpar <sup>®</sup> Ready antibodies.
<b>Additional Product Notes</b>	Maxpar <sup>®</sup> is a registered trademark of Standard BioTools Inc.
<b>Application References</b> (PubMed link indicates BioLegend citation)	1. Mason D, <i>et al.</i> Eds. 2002. Leucocyte Typing VII. Oxford University Press. New York.
<b>RRID</b>	AB_2562825 (BioLegend Cat. No. 306615)

### Antigen Details

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<b>Structure</b>	Sialoglycoprotein, 20 kD
<b>Distribution</b>	Erythrocytes
<b>Cell Type</b>	Erythrocytes

<b>Biology Area</b>	Immunology
<b>Molecular Family</b>	CD Molecules
<b>Antigen References</b>	1. Mason D, <i>et al.</i> Eds. 2002. Leucocyte Typing VII. Oxford University Press. New York.
<b>Gene ID</b>	<a href="#">2993</a>

## Related Protocols

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[Cell Surface Flow Cytometry Staining Protocol](#)

## Other Formats

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APC anti-human CD235ab, PE anti-human CD235ab, PE/Cyanine5 anti-human CD235ab, Purified anti-human CD235ab, FITC anti-human CD235ab, Pacific Blue™ anti-human CD235ab, PerCP/Cyanine5.5 anti-human CD235ab, Purified anti-human CD235ab (Maxpar® Ready), Biotin anti-human CD235ab, PE/Cyanine7 anti-human CD235ab, APC/Fire™ 750 anti-human CD235ab, TotalSeq™-A0196 anti-human CD235ab, TotalSeq™-C0196 anti-human CD235ab, TotalSeq™-B0196 anti-human CD235ab, TotalSeq™-D0196 anti-human CD235ab

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