

# Human GYPC Knockdown Cell Lysate

**Cat. No.** GYPC-350HKCL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	WB-validated GYPC Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion of exon 3 and 2, respectively. The Webb and Duch antigens, also known as glycophorin D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has very little homology with glycophorins A and B. Alternate splicing results in multiple transcript variants.
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	14 kDa
<b>Notes</b>	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
<b>Storage</b>	Store at -20 centigrade for two years.

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<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GYPC KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Transmembrane
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	GYPC glycophorin C (Gerbich blood group) [ Homo sapiens (human) ]
<b>Official Symbol</b>	GYPC
<b>Synonyms</b>	GYPC; glycophorin C (Gerbich blood group); glycophorin-C; CD236; CD236R; Ge; GPC; GYPD; glycophorin-D; glycoconnectin; glycoprotein beta; sialoglycoprotein D; GE; GPD; PAS-2; MGC117309; MGC126191; MGC126192;
<b>Gene ID</b>	2995
<b>mRNA Refseq</b>	NM_001256584
<b>Protein Refseq</b>	NP_001243513
<b>MIM</b>	110750
<b>UniProt ID</b>	P04921

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