

# Human CD163 Knockdown Cell Lysate

Cat. No. CD163-094HKCL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	WB-validated CD163 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	125 kDa
<b>Notes</b>	<p>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.</p>
<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 CD163 KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Secreted Protein, Transmembrane
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CD163 CD163 molecule [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">CD163</a>
<b>Synonyms</b>	CD163; CD163 molecule; CD163 antigen; scavenger receptor cysteine-rich type 1 protein M130; M130; MM130; hemoglobin scavenger receptor; macrophage-associated antigen;
<b>Gene ID</b>	<a href="#">9332</a>
<b>mRNA Refseq</b>	<a href="#">NM_004244</a>
<b>Protein Refseq</b>	<a href="#">NP_004235</a>
<b>MIM</b>	<a href="#">605545</a>
<b>UniProt ID</b>	<a href="#">Q86VB7</a>

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