

Human CD99 Knockdown Cell Lysate

Cat. No. CD99-098HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated CD99 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	<p>The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus.</p>
Form	Cell-Tissue Lysis buffer
Molecular Mass	19 kDa
Notes	<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>
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CD99 KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	CD99 CD99 molecule [Homo sapiens (human)]
Official Symbol	CD99
Synonyms	CD99; CD99 molecule; antigen identified by monoclonal antibodies 12E7, F21 and O13, CD99 antigen, MIC2; CD99 antigen; E2 antigen; surface antigen MIC2; T-cell surface glycoprotein E2; MIC2 (monoclonal 12E7); antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13; MIC2; HBA71; MIC2X; MIC2Y; MSK5X;
Gene ID	4267
mRNA Refseq	NM_001122898
Protein Refseq	NP_001116370
MIM	313470

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UniProt ID

P14209

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