Recombinant Human NBR1 293 Cell Lysate

Cat. No. NBR1-3956HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for neighbor of BRCA1 gene 1 (NBR1), transcript variant 3 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	NBR1 neighbor of BRCA1 gene 1 [Homo sapiens]
Official Symbol	NBR1
Synonyms	NBR1; neighbor of BRCA1 gene 1; M17S2, membrane component, chromosome 17, surface marker 2 (ovarian carcinoma antigen CA125); next to BRCA1 gene 1 protein; 1A1 3B; CA125; KIAA0049; protein 1A1-3B; migration-inducing protein 19; neighbor of BRCA1 gene 1 protein; cell migration-inducing gene 19 protein; membrane component chromosome 17 surface marker 2; membrane component, chromosome 17, surface marker 2 (ovarian carcinoma antigen CA125); M17S2; MIG19; 1A1-3B; FLJ55359; FLJ98272;
Gene ID	4077
mRNA Refseq	NM_005899
Protein Refseq	NP_005890
MIM	166945
UniProt ID	Q14596
Chromosome Location	17q21.31

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Function	metal ion binding; mitogen-activated protein kinase binding; mitogen-activated protein kinase p38 binding; protein binding; ubiquitin binding; zinc ion binding;

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