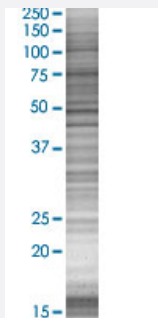


CD19 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000930-T01

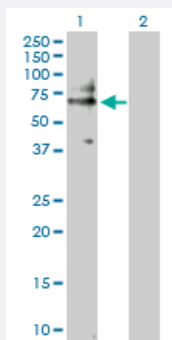
Size 100 uL

Applications



SDS-PAGE Gel

CD19 transfected lysate.



Western Blot

Lane 1: CD19 transfected lysate (61.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CD19 full-length
Host	Human
Theoretical MW (kDa)	61.1
Interspecies Antigen Sequence	Mouse (66); Rat (65)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CD19 antibody ([H00000930-D01P](#)) by Western Blots.

SDS-PAGE Gel

CD19 transfected lysate.

Western Blot

Lane 1: CD19 transfected lysate (61.10 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CD19

Entrez GeneID

[930](#)

GeneBank Accession#

[NM_001770](#)

Protein Accession#

[NP_001761.3](#)

Gene Name

CD19

Gene Alias

B4, MGC12802

Gene Description

CD19 molecule

Omim ID

[107265](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq]

Other Designations

B-lymphocyte antigen CD19|CD19 antigen

Pathway

- [B cell receptor signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)

Disease

- [Arthritis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Pemphigus](#)
- [Scleroderma](#)