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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

HLA-DOB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003112-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

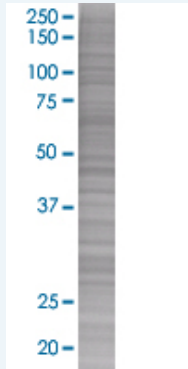
Plasmid: pCMV-HLA-DOB full-length

Host: Human

Theoretical MW (kDa): 30.8

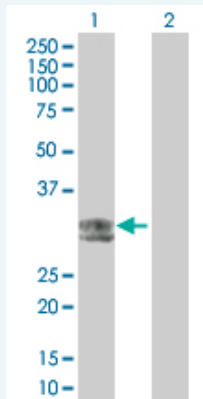
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-HLA-DOB antibody (H00003112-B01) by Western Blots.

SDS-PAGE Gel



HLA-DOB transfected lysate

Western Blot



Lane 1: HLA-DOB transfected lysate (30.8 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.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [3112](#)

GeneBank Accession#: [NM_002120](#)

Protein Accession#: [NP_002111](#)

Gene Name: HLA-DOB

Gene Alias: DOB

Gene Description: major histocompatibility complex, class II, DO beta

Omim ID: [600629](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: HLA-DOB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DOA) and a beta chain (DOB), both anchored in the membrane. It is located in intracellular vesicles. DO suppresses peptide loading of MHC class II molecules by inhibiting HLA-DM. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. [provided by RefSeq]

Other Designations: HLA class II histocompatibility antigen, DO beta chain, OTTHUMP00000029312, class II beta chain

Gene Pathway

[Allograft rejection](#) [Antigen processing and presentation](#) [Asthma](#)
[Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#) [Graft-versus-host disease](#)
[Systemic lupus erythematosus](#) [Type I diabetes mellitus](#)

Related Disease

[Genetic Predisposition to Disease](#) [Lupus Erythematosus](#) [Systemic Tobacco Use Disorder](#)