



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## HLA-DRA MaxPab mouse polyclonal antibody (B02) MaxPab®

Catalog # : H00003122-B02

規格 : [ 50 uL ]

[List All](#)

### Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human HLA-DRA protein.

**Immunogen:** HLA-DRA (NP\_061984, 1 a.a. ~ 254 a.a) full-length human protein.

**Sequence:** MAISGVPVLGFFIIAVLMSAQESWAIKEEHVIIQAEFYLNPDQSGEFMFDF  
DGDEIFHVDMAKKETVWRLEEFGRFASFEAQGALANIAVDKANLEIMTKR  
SNYTPITNVPPEVTVLTNSPVELREPMLICFIDKFTPPVVNVTWLRNGKP  
VTTGVSETVFLPREDHLFRKFHYLPFLPSTEDVYDCRVEHWGLDEPLLK  
HWEFDAPSPLPETTENVCALGLTVGLVGIIIGTIFIKGLRKSNAAEERRGP  
L

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

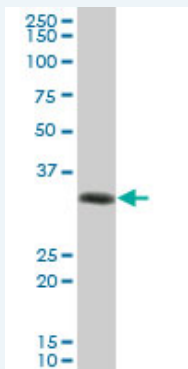
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

#### Western Blot (Tissue lysate)



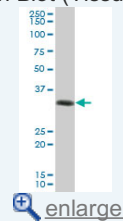
HLA-DRA MaxPab polyclonal antibody. Western Blot analysis of HLA-DRA expression in human spleen.

[Protocol Download](#)

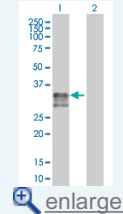
#### Western Blot (Transfected lysate)

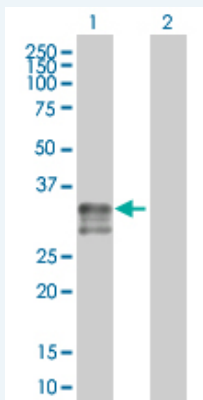
### Application Image

#### Western Blot (Tissue lysate)



#### Western Blot (Transfected lysate)





Western Blot analysis of HLA-DRA expression in transfected 293T cell line ([H00003122-T02](#)) by HLA-DRA MaxPab polyclonal antibody.

Lane 1: HLA-DRA transfected lysate(27.94 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [3122](#)

**GeneBank Accession#:** [NM\\_019111](#)

**Protein Accession#:** [NP\\_061984](#)

**Gene Name:** HLA-DRA

**Gene Alias:** HLA-DRA1

**Gene Description:** major histocompatibility complex, class II, DR alpha

**Omim ID:** [142860](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and the cytoplasmic tail. DRA does not have polymorphisms in the peptide binding part and acts as the sole alpha chain for DRB1, DRB3, DRB4 and DRB5. [provided by RefSeq]

**Other Designations:** HLA class II histocompatibility antigen, DR alpha chain, MHC cell surface glycoprotein, histocompatibility antigen HLA-DR alpha

## Gene Pathway

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

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