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Lieferung & Zahlungsart

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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-DRB3 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003125-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human HLA-DRB3 protein.

Immunogen: HLA-DRB3 (AAH08987, 1 a.a. ~ 266 a.a) full-length human protein.

Sequence:
 MVCLKLPGGSSLAALTVTLMLSSRLAFAGDTRPRFLELRKSECHFFNG
 TERVRYLDRYFHNQEEFLRFDSVGEYRAVTELGPRVAESWNSQKDLL
 EQKRGVRVDNYCRHNYGVGESFTVQRRVHPQVTYPAKTQPLQHNLV
 CSVSGFYPGSIEVRWFRNGQEEKAGVSTGLIQNGDWTFTQTLVMLETV
 PRSGEYVTCQVEHPSVT SALTVEWRARSESASQSKMLSGVGGFVLGLLF
 LGAGLFIYFRNQKGHSGQLPTGFLS

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

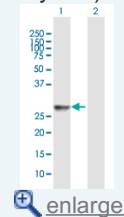
Storage Buffer: In 1x PBS, pH 7.4


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

Datasheet:  [Download](#)

Application Image

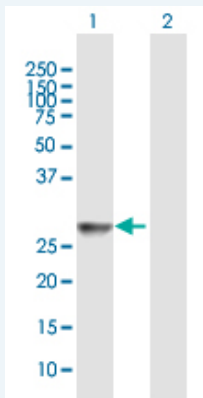
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of HLA-DRB3 expression in transfected 293T cell line ([H00003125-T03](#)) by HLA-DRB3 MaxPab polyclonal antibody.

Lane 1: HLA-DRB3 transfected lysate(29.37 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3125](#)

**GeneBank
Accession#:** [BC008987](#)

**Protein
Accession#:** [AAH08987](#)

Gene Name: HLA-DRB3

Gene Alias: HLA-DR3B,MGC117330

**Gene
Description:** major histocompatibility complex, class II, DR beta 3

Gene Ontology: [Hyperlink](#)

Gene Summary: HLA-DRB3 belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DRA) and a beta (DRB) 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 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. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralogues DRB3, DRB4 and DRB5. The presence of DRB3 is linked with allelic variants of DRB1, otherwise it is omitted. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9. [provided by RefSeq]

**Other
Designations:** MHC class II HLA-DR beta 3 chain,MHC class II antigen DR beta 3 chain,human leucocyte antigen DRB3

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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