

Rabbit Anti-HLA-DRB1 [EP191]: RM0108

Intended Use: For Research Use Only

Description: HLA-DRB1 belongs to the HLA class II beta chain paralogs. Known as MHC class II antigen DRB1*15. The class II molecule is a heterodimer consisting of an alpha (DRA) and a beta chain (DRB), both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. HLA-DRB1 is expressed mainly on antigen-presenting cells, such as B lymphocytes, monocytes and dendritic cells but can also be detected on activated T lymphocytes and activated granulocytes. In abnormal tissues, it has been found in different types of acute lymphoblastic leukaemias and acute myeloid leukaemias. Additionally, HLADR was also found in some nonhemato, including carcinomas of the colon and breast.

Specifications:

Clone: EP191
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm, membrane
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
HLA-DRB1 Concentrated	RM0108	1 ml

IHC Procedure*:

Positive Control Tissue: Tonsil
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 2 hours @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.