

Anti-HLADR beta chain 1 [DA2]

Catalogue number: 151225

Sub-type: Primary antibody

Images:

Contributor

Inventor: Walter Bodmer

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HLADR beta chain 1 [DA2]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody which binds all DR and DP antigens, with use in tissue and HLA typing.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: The membranes of LKT cells (a B lymphoblastoid cell line)

Immunogen UNIPROT ID: P01911

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Human Leukocyte Antigen DR ? chain 1 (1st domain, monomorphic, MHC class II)

Target alternate names:

Target background: Monoclonal antibody which binds all DR and DP antigens, with use in tissue and HLA typing. Background and Research Application Human Leukocyte Antigens (HLA) are highly polymorphic proteins that are involved in the presentation of antigens to the T-cell receptor. There are two classes of HLA antigens, class I (HLA-A, HLA-B and HLA-C) and class II (HLA-D). They are expressed primarily on antigen presenting cells such as B lymphocytes, monocytes, macrophages, thymic epithelial cells and activated T lymphocytes. The human MHC class II molecules bind intracellularly processed peptides and present them to T helper cells. They therefore have a critical role in the initiation of the immune response. DA2 may be used for tissue typing. This antibody will bind all DR and DP antigens except DR7, and can aid with HLA typing.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: A.D.Shannon et al. 1984. Histocompatibility Testing. Edited by E.D.Albert et al. Springer-Verlag, Berlin. ISBN-13: 978-0387134642

CancerTools.org