



# Mouse Anti-Human MHC class II (HLA-DR) monoclonal antibody, clone L234 (CABT-L2388)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This monoclonal antibody reacts with the human and monkey MHC class II, HLA-DR.
<b>Immunogen</b>	Human lymphoblastoid B cell line RPMI 8866.9
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Monkey
<b>Clone</b>	L234
<b>Purification</b>	Purified from tissue culture supernatant in an animal free facility
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	Undiluted at 4°C in the dark

## BACKGROUND

**Introduction**

HLA-DR is a transmembrane glycoprotein composed of an  $\alpha$  chain (36 kDa) and a  $\beta$  chain (27 kDa). HLA-DR is expressed primarily on antigen presenting cells such as B cells, monocytes, macrophages, thymic epithelial cells and activated T cells. HLA-DR is critical for the presentation of peptides to CD4+ T cells.

**Keywords**

major histocompatibility complex;class II;DR;HLA DRII;HLA-DR

## GENE INFORMATION

**UniProt ID**

[P04233](#)