

# CD Markers

CD (clusters of differentiation) cell markers are cell surface molecules for identification and characterizing of leukocytes. There are more than 370 types of CD molecules and the list continues to grow.

Type of cells	CD markers
stem cells	CD34+, CD31-, CD117+
all leukocyte groups	CD45+
Granulocyte	CD45+, CD11b+, CD15+, CD24+, CD114+, CD182+
Monocyte	CD4+, CD45+, CD14+, CD114+, CD11a+, CD11b+, CD91+, CD16+
T lymphocyte	CD45+, CD3+
T helper cell	CD45+, CD3+, CD4+
T regulatory cell	CD4+, CD25+, Foxp3+
Cytotoxic T cell	CD45+, CD3+, CD8+
B lymphocyte	CD45+, CD19+, CD20+, CD24+, CD38+, CD22+
Thrombocyte	CD45+, CD61+
Natural killer cell	CD16+, CD56+, CD3-, CD31+, CD30+, CD38+

## CD Markers Products From Genomics to Proteomics



CRISPR



cDNA



shRNA/siRNA



Proteins



Antibodies

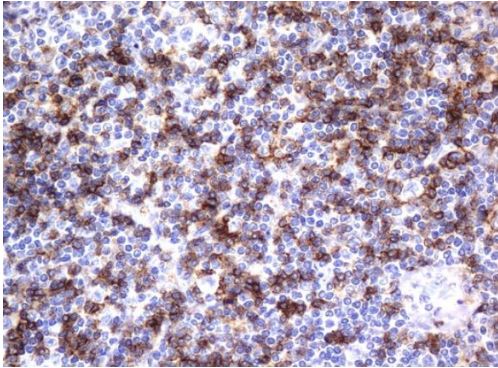


ELISA  
Luminex

Search our website for product details of the CD markers

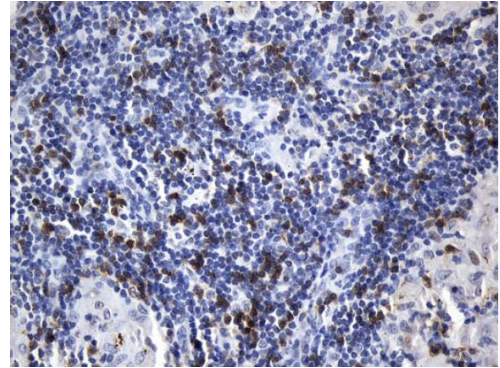
# Product Highlights

## CD4: Cat# UM800010



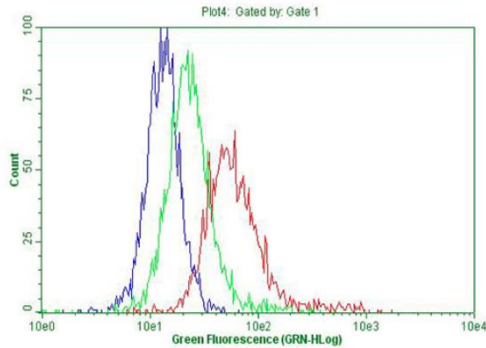
IHC staining of FFPE Human lymphoma tissue using anti-CD4 mouse monoclonal antibody.

## CD8A:Cat# UM800133



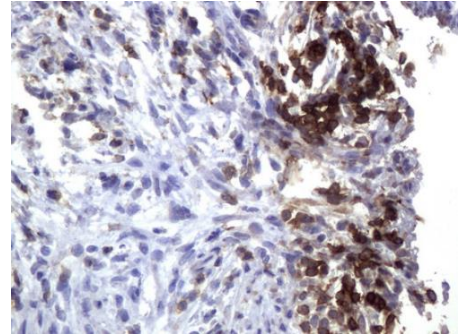
IHC staining of FFPE Human lymph node tissue using anti-CD8A mouse monoclonal antibody.

## CD19: Cat# UM500071



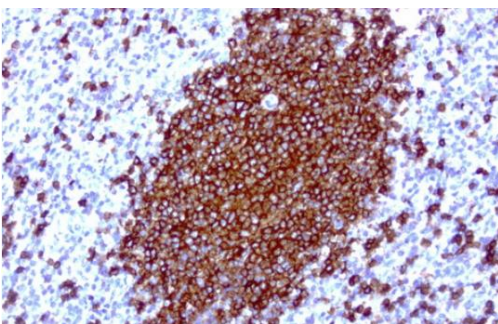
FC analysis of Raji cells using anti-CD19 antibody (red), compared to isotype control (green), and no antibody control PBS (blue).

## CD3E: Cat# UM500048



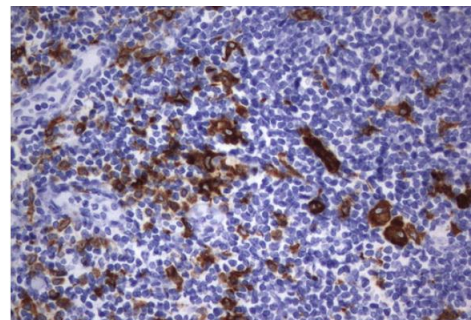
IHC staining of FFPE Human endometrium tissue using anti-CD3E mouse monoclonal antibody.

## CD20: Cat# UM800003



IHC staining of FFPE Human spleen tissue using anti-CD420 mouse monoclonal antibody.

## CD68: Cat# UM800047



IHC staining of FFPE Human lymph node tissue using anti-CD68 mouse monoclonal antibody.