

### 32-5828: Monoclonal antibody to CD21-Biotin ( Clone : hCD21.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	hCD21.
<b>Gene :</b>	CR2
<b>Gene ID :</b>	1380
<b>Uniprot ID :</b>	P20023
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Complement receptor type 2,Cr2,Complement C3d receptor,Epstein-Barr virus receptor,EBV receptor,CD21 antigen,CR2,C3DR,CD21,SLEB9.
<b>Isotype :</b>	Mouse IgG2a.
<b>Immunogen Information :</b>	Purified human B-Cells.

#### Description

CD21 is expressed strongly on mature B cells, follicular dendritic cells and weakly on immature thymocytes and T lymphocytes. In B-cell ontogeny, CD21 appears after the pre-B-stage, is maintained during peripheral B-cell development and is lost upon terminal differentiation into plasma cells. CD21 expression is also gradually lost after stimulation of B cells in vitro. CD21 functions as receptor for C3d, C3dg and iC3b Complement components, for EBV and for IFN $\alpha$ . CD21 binds to CD23 and associates with CD19, CD81 and Leu13 to form a large signal-transduction complex involved in B cell activation.

#### Product Info

<b>Amount :</b>	1 mg
<b>Purification :</b>	Protein-A.
<b>Content :</b>	1mg/ml in PBS (after reconstitution).
<b>Storage condition :</b>	Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.