

## Product datasheet for **DRM013**

### CD23 Rabbit Monoclonal Antibody [Clone ID: SP23]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	SP23
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed Paraffin Embedded Sections: Use at 1/100 dilution in an ABC method for 30 minutes at room temperature. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. <i>Recommended Positive Control:</i> Tonsil.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein encoding Human CD23 48-248 aa
Specificity:	This antibody recognizes CD23. Cellular Localization: Cell membrane
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant containing Sodium Azide as preservative.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Fc fragment of IgE receptor II
Database Link:	<a href="#">Entrez Gene 2208 Human P06734</a>



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**Background:** CD23 is a 45kDa glycoprotein, which is present on a subpopulation of freshly isolated peripheral blood and tonsil B cells and strongly expressed on EBV-transformed B lymphoblasts. The CD23 molecule is identical to the low affinity IgE receptor found on B cells. Expression of CD23 has been detected in neoplastic cells from cases of B cell chronic lymphocytic leukaemia and some cases of centroblastic/centrocytic lymphoma

**Synonyms:** Fc-epsilon-RII, FCER2, CD23A, FCE2, IGEBF