

Cat No: HR1AM2160

For research use only

## Overview

| Product Name             | CD23 Mouse mAb  |
|--------------------------|---|
| Source                   | Mouse   |
| Applications             | IHC   |
| Species Reactivity       | Human,Rat,Mouse   |
| Recommended Dilutions    | IHC 1:200   |
| Immunogen                |   |
| Species                  | Mouse   |
| Storage                  | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| Isotype                  | IgG1  |
| Clonality                | Monoclonal  |
| Concentration            | 1mg/ml  |
| Observed band            | 28,38,49kDakDa  |
| GeneID?Human?            | 2208  |
| Human Swiss-Prot<br>No.  |   |
| Cellular<br>localization |   |
| Alternative Names        | BLAST 2, CD23A, CLEC4J, Fc epsilon RII, FCE2, FCER2, IGEBF, Lymphocyte IgE receptor   |
| Background               | The CD23 antigen is the low affinity IgE Fc receptor, which is a 49 kDa protein with 38 and 28 kDa fragments. It is expressed on most mature, conventional B cells and can also be found on the surface of T cells, macrophages, platelets and EBV transformed B lymphoblasts. Expression of CD23 has been detected in neoplastic cells from cases of B cell chronic Lymphocytic leukemia. CD23 is expressed by B cells in the follicular mantle but not by proliferating germinal centre cells. CD23 is also expressed by eosinophils. |