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<b>Catalog Number:</b>	MO47042	<b>Host:</b>	Mouse
<b>Product Type:</b>	Mouse Monoclonal IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	Recombinant Human CD45R	<b>Format:</b>	Liquid with PBS buffer, pH 7.4 with 0.02% Sodium Azide

**Applications:** Immunohistochemistry: 1:1,000-3,000

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

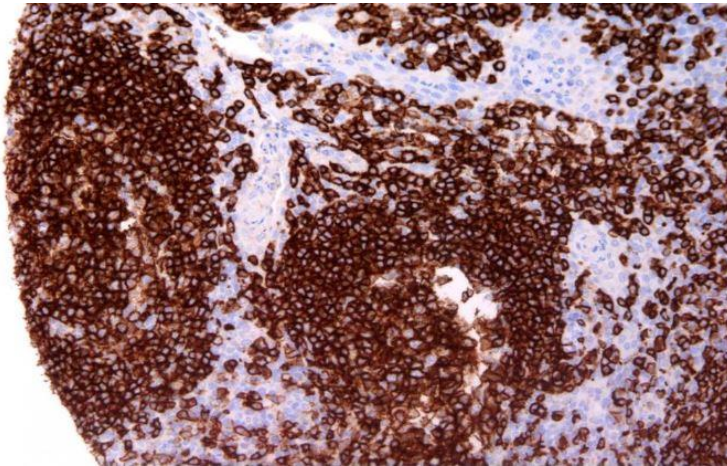
**Storage:** The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.

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### Application Notes

**Description/Data:**

CD45R Antibody can be utilized to distinguish between B cell lymphomas and T cell lymphomas, with specific reactivity to follicle center cells, mantle cells, some medullary thymocytes, and 80% of B cell lymphomas. CD45R or MB1 is an isoform of CD45, a member of the protein tyrosine phosphatase (PTPase) family and is expressed specifically on the surface of hematopoietic cells.



*Image: Immunohistochemistry staining of MO47042 on human tonsil tissue.*

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