

Rabbit Anti-CD45 (LCA) [EP68]: RM0045

Intended Use: For Research Use Only

Description: CD45, Leucocyte Common Antigen (LCA), is expressed on most nucleated cells of haematopoietic origin and has various isoforms. The anti-CD45 antibody labels CD45 in both normal and neoplastic cells, is a useful tool for identifying tumor cells of lymphoid origin. CD45 is routinely used to aid the differential diagnosis of undifferentiated neoplasms, whenever malignant lymphoma is suspected by the morphologic clinical data. Certain types of lymphoid neoplasms may lack CD45 expression (Hodgkin's disease, some T-cell lymphomas, some leukemias).

Specifications:

Clone: EP68
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Membrane, cytoplasm
Formulation: Antibody in PBS pH7.2, containing < 0.2% BSA and < 0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
CD45 Concentrated	RM0045	1 ml

IHC Procedure*:

Positive Control Tissue: Tonsil, lymphoma
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.