

CD43 Monoclonal Antibody

Catalog No. E-AB-71026

Note: Centrifuge before opening to ensure complete recovery of vial contents.

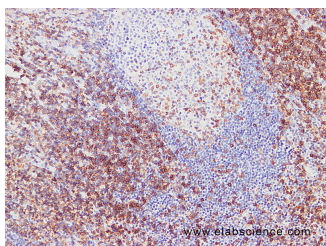
Description

Reactivity	Human
Immunogen	Full length protein from eukaryotic expression system.
Host	Mouse
Isotype	IgG
Clone	LE2B1
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

IHC 1:100-1:200

Data



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue using CD43 Monoclonal Antibody with Cat#E-AB-71026 at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

CD43 is mainly marked on T cells and expressed in normal T lymphocytes, myeloid cells, macrophages and plasma cells. Normal B cells or reactive B cells are CD43-. Expression of CD43 in various lymphatic hematopoietic tumors is complex. 90% T lymphocytic lymphoma are CD43+, 30% low grade B cell lymphoma are CD43+, 69% B cell acute lymphoblastic leukemia are CD43+, 97% T cell acute lymphoblastic leukemia are CD43+, 44% anaplastic large cell lymphoma are CD43+, all extramedullary myeloma / granulocytic sarcoma are CD43+, and part of myeloma CD43 are positive. It is usually detected combined with other T cell markers such as CD3 and CD45RO for diagnosis of T cell lymphoma.

For Research Use Only