

CD25 (ZM466)

Mouse monoclonal Antibody

Host: Mouse
Specificity: Human
Immunogen: Recombinant protein corresponding to the external domain of human interleukin-2 receptor protein
Ig Class: IgG2b
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: CD25 (ZM466) Mouse monoclonal primary antibody detects CD25 Protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain CD25 Protein.

Localization: Cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: CD25, also known as the Interleukin-2 receptor alpha chain (IL-2R α), is a protein found on the surface of certain immune cells. It plays a crucial role in the immune system by modulating the activity and function of T cells. CD25 antibody expression is a reliable diagnostic tool for distinguishing neoplastic mast cell aggregates from reactive proliferations. CD25 is overexpressed in some hematologic malignancies, such as adult T-cell leukemia/lymphoma (ATLL) and certain types of Hodgkin lymphoma, making it a potential target for therapeutic interventions.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Erber WN, et al: Am J Clin Pathol. 1988;89(5):645-8.
2. Sotlar K, et al: Am J Surg Pathol. 2004;28(10):1319-25.
3. Doyle LA, et al: Am J Surg Pathol. 2014;38(6):832-43



Z2817ML-R/ Z2817MS-R/ Z2817MT-R/ Z2817MP-R (1.0ml Concentrate/0.5ml Con./0.1ml Con./7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)