

T CELL COCKTAIL (ZR286 + ZM180)

Rabbit & Mouse Monoclonal Antibody

Host: Rabbit & Mouse
Specificity: Human
Immunogen: CD8 recombinant protein; Recombinant fragment (around aa 216-396) of human CD4 protein
Ig Class: IgG + IgG2a/k
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: T CELL COCKTAIL (ZR286 + ZM180) Rabbit & Mouse monoclonal primary antibody detects CD8 & CD4 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: Ready-to-use. Positive Control: sample known to contain CD8 & CD4 protein.

Localization: Cytoplasmic.

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

Description: CD4 is expressed in a T-cell subset (helper/inducer) and is found in approximately 80% of thymocytes and in 45% of peripheral blood lymphocytes. CD4 is expressed in most T-cell lymphomas. The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that serves as a coreceptor. CD8 is expressed on cytotoxic suppressor T cells and on approximately one third of peripheral blood T cells. CD8 has also been detected at a low level on some natural killer (NK) cells. The combination of CD4 (brown) and CD8 (red) is helpful in distinguishing mycosis fungoides (CD4+). Multiplex IHC may also give distinct advantages if ratios and/or cell counts on a single slide are desired.

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. Akiyama T, et al. Pathol Int. 2008; 58:626-34 2.
2. Garcia-Herrera A, et al. J Clin Oncol. 2008; 26:3364-71.
3. Gao GF, et al. Immunol Today. 2000; 21:630-6. 2.
4. Bakels V, et al. Am J Pathol. 1997; 150:1941-9.

REF Z2842MRP-R (7ml Pre-dil)



605 E. Huntington Dr.,
Suite 204
Monrovia, CA 91016
Tel: (626) 355-2053
<http://www.zeta-corp.com>



(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)