

CD123 (ZR425)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment of human IL3RA protein (around aa 26-171)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: CD123 (ZR425) Rabbit Monoclonal primary antibody detects CD123 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 CD123 protein.

Localization: Cytoplasmic.

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

Description: CD123 is an interleukin-3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand-specific alpha subunit and a signal-transducing beta subunit shared by the receptors for interleukin-3 (IL-3), colony-stimulating factor 2 (CSF2/GM-CSF), and interleukin-5 (IL-5). The binding of this protein to IL-3 depends on the beta subunit. The beta subunit is activated by the ligand binding and is required for the biological activities of IL-3. This gene and the gene encoding the colony-stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in an X-Y pseudo-autosomal region on chromosomes X or Y.

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. Facchetti F, et al. WHO classification of tumours of haematopoietic and lymphoid tissues. 4th ed. Lyon, France: IARC Press; 2008:145-7.
2. Cronin DMP, et al. Am J Clin Pathol. 2012; 137:367-76.

REF Z2781RL/ Z2781RS/ Z2781RT/ Z2782RL (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)




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


RUO
(research
use only)

LOT
(lot number)

REF
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number)


(expiry date)


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for Use)