

Monoclonal Anti-human CD40

Product reference: DDX0130

Description

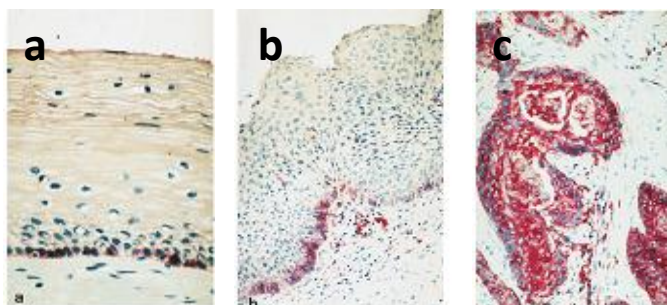
CD40 is a member of the tumor necrosis factor (TNF) receptor superfamily, which includes the low affinity nerve growth factor (NGF) receptor and CD95/Fas. CD40 is the receptor for CD40 ligand expressed on activated CD4⁺ T cells. Clark E.A. et al. have reported a mAb binding to a 50 kDa B-cell surface marker (BP50) which augments B-cell activation and proliferation. This B-cell marker was CD40.

(Clark E.A. et al, 1985 ; PNAS, 82 :1766 ; Clark E.A. et al, 1986 ; PNAS, 83 : 4494-4498)

Clone:	G28-5
Species:	mouse
Specificity:	human CD40
Immunogen:	human erythrocyte-rosette-negative tonsillar lymphocyte
Species cross-reactivity:	nd
Isotype:	IgG1, κ
Purification:	QMA Hyper D ion exchange chromatography
Formulation/size:	Purified: 100 µg in 200µl / 50 µg in 100 µl Tris-NaCl pH 8

Available format: (other clones available on request)

Reference N°		Format	Application tested
50 µg	100 µg		
DDX0130P-50	DDX0130P-100	purified	Cell activation, IHC paraffin, flow cytometry



a: normal cervical epithelium
b: cervical intraepithelial neoplasia
c: squamous cell carcinoma

IHC staining of formalin-fixed paraffin-embedded human cervical tissue with mAb G28.5

Altenburg A et al, J.Immunol, 1999

Usage recommendation: *This monoclonal antibody may be used between 1-10 µg/ml for cellular activation.
*Optimal dilution should be determined by each laboratory for each application.

Aliquot storage conditions: **-20°C. KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only