

Product datasheet for **DDX0130P-100**

CD40 Mouse Monoclonal Antibody [Clone ID: G28-5]

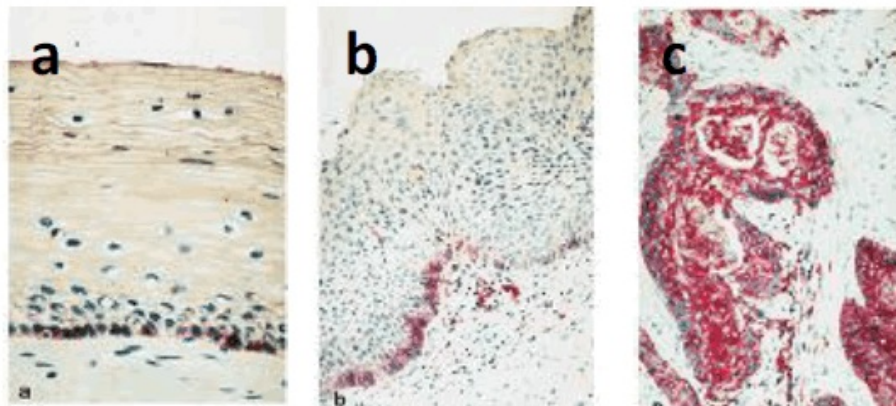
Product data:

Product Type:	Primary Antibodies
Clone Name:	G28-5
Applications:	FC, FN, IHC
Recommend Dilution:	Cell activation, IHC paraffin, flow cytometry. Usage recommendation: *This monoclonal antibody may be used between 1-10 µg/ml for cellular activation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	human erythrocyte-rosette-negative tonsillar lymphocyte
Specificity:	human CD40
Formulation:	100 µg in 200µl / 50 µg in 100 µl Tris-NaCl pH 8 State: Purified
Concentration:	0.5 mg/ml
Purification:	QMA Hyper D ion exchange chromatography
Gene Name:	CD40 molecule
Database Link:	Entrez Gene 958 Human
Background:	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)
Synonyms:	TNFRSF5, CDw40, Bp50

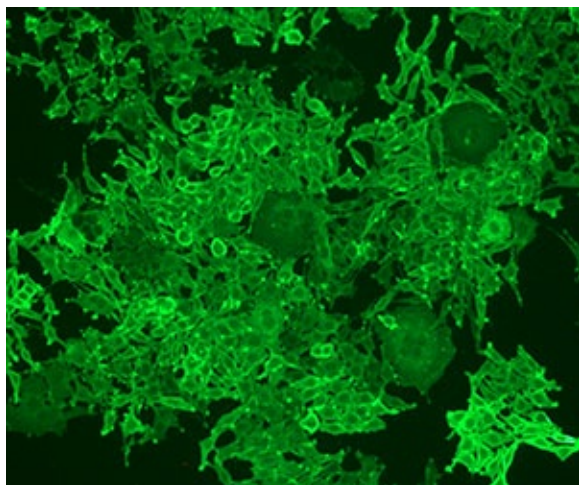


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Product images:



IHC staining of formalin-fixed paraffin-embedded human cervical tissue with mAb G28.5
Altenburg A et al, J.Immunol, 1999.
a: normal cervical epithelium
b: cervical intraepithelial neoplasia
c: squamous cell carcinoma



CD40-transfected L cells stained with G28.5
(DDX0130)