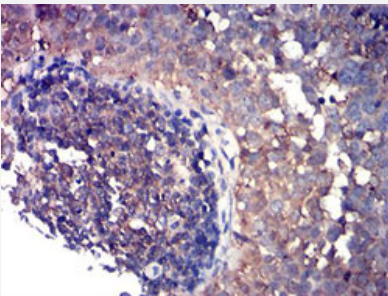


CD80 monoclonal antibody, clone 1G3D7

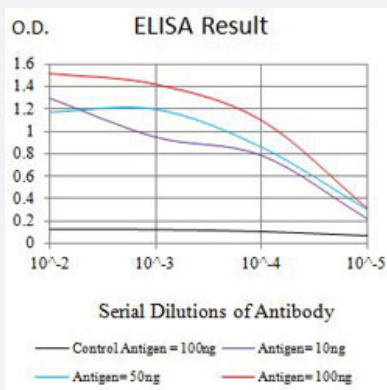
Catalog # MAB21498 Size 100 ug

Applications



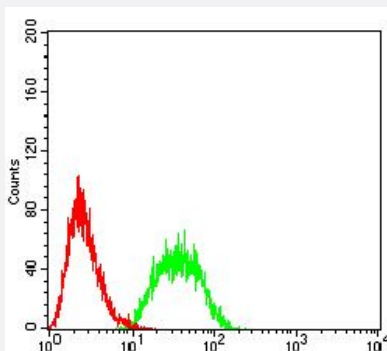
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cervix cancer with CD80 monoclonal antibody, clone 1G3D7 (Cat # MAB21498).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CD80 monoclonal antibody, clone 1G3D7 (Cat # MAB21498).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with CD80 monoclonal antibody, clone 1G3D7 (Cat # MAB21498) (Green). Red: Negative Control.

Specification

Product Description

Mouse monoclonal antibody raised against partial recombinant human CD80.

Immunogen	Recombinant protein corresponding to amino acids 35-288 of human CD80.
Host	Mouse
Theoretical MW (kDa)	33
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cervix cancer with CD80 monoclonal antibody, clone 1G3D7 (Cat # MAB21498).
- Enzyme-linked Immunoabsorbent Assay
ELISA analysis with CD80 monoclonal antibody, clone 1G3D7 (Cat # MAB21498).
- Flow Cytometry
Flow cytometric analysis of HL-60 cells with CD80 monoclonal antibody, clone 1G3D7 (Cat # MAB21498) (Green). Red: Negative Control.

Gene Info — CD80

Entrez GeneID

[941](#)

Protein Accession#	P33681
Gene Name	CD80
Gene Alias	CD28LG, CD28LG1, LAB7
Gene Description	CD80 molecule
Omim ID	112203
Gene Ontology	Hyperlink
Gene Summary	The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123 890) ligands of T cells.[supplied by OMIM
Other Designations	B-lymphocyte activation antigen B7 CD80 antigen CD80 antigen (CD28 antigen ligand 1, B7-1 antigen) costimulatory factor CD80 costimulatory molecule variant IgV-CD80

Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Systemic lupus erythematosus](#)
- [Toll-like receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Carcinoma](#)

- [Celiac Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)