

Immunotag™ CD83 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT0779
Product Description	Immunotag™ CD83 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	CD83
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human CD83. AA range:101-150
Specificity	CD83 Polyclonal Antibody detects endogenous levels of CD83 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	CD83
Accession No.	Q01151 O88324
Alternate Names	CD83; CD83 antigen; hCD83; B-cell activation protein; Cell surface protein HB15; CD antigen CD83

Antibody Specification

Description	CD83 molecule(CD83) Homo sapiens The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],
Protein Expression	B-cell,Brain,Tonsil,
Subcellular Localization	plasma membrane,integral component of plasma membrane,external side of plasma membrane,integral component of membrane,
Protein Function	function:May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.,online information:CD83 antigen,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Monomer.,tissue specificity:Expressed by activated lymphocytes, Langerhans cells and interdigitating reticulum cells.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.