

# Immunotag™ Nectin 2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5603
Product Description	Immunotag™ Nectin 2 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	Nectin 2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Poliovirus receptor-related protein 2 at AA range: 151-200
Specificity	Nectin 2 Polyclonal Antibody detects endogenous levels of Nectin 2 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	PVRL2
Accession No.	Q92692 P32507
Alternate Names	PVRL2; HVEB; PRR2; Poliovirus receptor-related protein 2; Herpes virus entry mediator B; Herpesvirus entry mediator B; HveB; Nectin-2; CD112

## Antibody Specification

Description	nectin cell adhesion molecule 2(NECTIN2) Homo sapiens This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Cell adhesion molecules (CAMs),Adherens_Junction,
Protein Expression	Brain,Epithelium,
Subcellular Localization	plasma membrane,integral component of plasma membrane,cell-cell junction,cell-cell adherens junction,zonula adherens,focal adhesion,cell surface,integral component of membrane,cell-cell contact zone,extracellular exosome,
Protein Function	function:Probable cell adhesion protein.,similarity:Belongs to the nectin family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Can form trans-heterodimers with PVRL3/nectin-3 (By similarity). Interacts with CD226. Receptor for alphaherpesvirus (HSV-1, HSV-2 and pseudorabies virus) entry into cells. Binds with low affinity to TIGIT.,tissue specificity:Ubiquitous.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.