



Human PVRL2 peptide (DAG-P1803)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Ubiquitous.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the nectin family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PVRL2 poliovirus receptor-related 2 (herpesvirus entry mediator B) [Homo sapiens (human)]
Official Symbol	PVRL2
Synonyms	PVRL2; poliovirus receptor-related 2 (herpesvirus entry mediator B); HVEB; PRR2; CD112;

PVRR2; poliovirus receptor-related protein 2; nectin-2; poliovirus receptor-like 2; herpesvirus entry protein B;

Entrez Gene ID [5819](#)

mRNA Refseq [NM_001042724.1](#)

Protein Refseq [NP_001036189.1](#)

UniProt ID Q92692

Chromosome Location 19q13.2

Pathway Adaptive Immune System, organism-specific biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Adherens junctions interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Herpes sim

Function cell adhesion molecule binding; coreceptor activity; identical protein binding; protein binding; protein homodimerization activity; protein homodimerization activity; virus receptor activity;
