



Human LGALS8 peptide (DAG-P0513)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Specificity	Ubiquitous. Selective expression by prostate carcinomas versus normal prostate and benign prostatic hypertrophy.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 galectin domains.
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	LGALS8 lectin, galactoside-binding, soluble, 8 [Homo sapiens (human)]
Official Symbol	LGALS8
Synonyms	LGALS8; lectin, galactoside-binding, soluble, 8; Gal-8; PCTA1; PCTA-1; Po66-CBP; galectin-8; galectin 8; galectin-8g; Po66 carbohydrate binding protein; po66 carbohydrate-binding protein; prostate carcinoma tumor antigen 1;

Entrez Gene ID	3964
mRNA Refseq	NM_006499.4
Protein Refseq	NP_006490.3
UniProt ID	O00214
Chromosome Location	1q43
Function	carbohydrate binding; protein binding;