Immunotag™ CD168 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT5887
Product Description	Immunotag™ CD168 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	CD168
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthetic peptide from human protein at AA range: 280-340
Specificity	The antibody detects endogenous CD168
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	HMMR IHABP RHAMM
Accession No.	O75330 Q00547
Alternate Names	Hyaluronan mediated motility receptor (Intracellular hyaluronic acid-binding protein) (Receptor for hyaluronan-mediated motility) (CD antigen CD168)
Description	hyaluronan mediated motility receptor(HMMR) Homo sapiens The protein encoded by this gene is involved in cell motility. It is expressed in breast tissue and together with other proteins, it forms a complex with BRCA1 and BRCA2, thus is potentially associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Dec 2008],

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Cell Pathway/ Category	ECM-receptor interaction,
Protein Expression	Bladder,Bone marrow,Epithelium,Mammary carcinoma,Mammary gland,Skin
Subcellular Localization	cytosol,plasma membrane,cell surface,membrane,
Protein Function	function:Involved in cell motility. When hyaluronan binds to HMMR, the phosphorylation of a number of proteins, including the focal adhesion kinase occurs. May also be involved in cellular transformation and metastasis formation, and in regulating extracellular-regulated kinase (ERK) activity.,subunit:Subunit of the HARC complex.,tissue specificity:Expressed in breast cancer cell lines and in normal breast tissue.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.

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