MIG7 Conjugated Antibody

Catalog No: #C37730

Package Size: #C37730-AF350 100ul #C37730-AF405 100ul #C37730-AF488 100ul #C37730-AF555 100ul #C37730-AF594 100ul #C37730-AF647 100ul #C37730-AF680 100ul #C37730-AF750 100ul #C37730-Biotin 100ul

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Description

Product Name	MIG7 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MIG7 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human mig-7
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	mig-7; MIG7
Accession No.	Swiss-Prot#:Q1AHR6NCBI Gene ID:723788NCBI Protein#:NP_000771
Uniprot	Q1AHR6
GeneID	:723788
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

MIG7 is a cysteine-rich protein found in cell membranes and cytoplasm of carcinoma cells. Tumor tissue and blood from over 200 cancer patients have been shown to express MIG7, regardless of tissue origin. In contrast, it has not been detectable in tissues or blood from normal subjects. Expression of MIG7 seems to be restricted to carcinoma cells and putatively to the early placenta (Cytotrophoblast) and it's expression is important for the invasive capabilities of tumor cells.

Note: This product is for in vitro research use only