

NUDT6 Conjugated Antibody

Catalog No: #C38116



Package Size: #C38116-AF350 100ul #C38116-AF405 100ul #C38116-AF488 100ul
 #C38116-AF555 100ul #C38116-AF594 100ul #C38116-AF647 100ul
 #C38116-AF680 100ul #C38116-AF750 100ul #C38116-Biotin 100ul

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Description

Product Name	NUDT6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NUDT6 antibody.
Immunogen Description	Recombinant protein of human NUDT6.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NUDT6;ASFGF2;FGF-2;FGF-AS;FGF2AS;bFGF;gfg;gfg-1 ;
Accession No.	Swiss-Prot#:P53370NCBI Gene ID:11162
Uniprot	P53370
GeneID	11162;
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
Calculated MW	36
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

NUDT6 (nudix (nucleoside diphosphate linked moiety X)-type motif 6), also known as Antisense basic fibroblast growth factor or GFG-1, is a member of the Nudix hydrolase family of pyrophosphatases. Nudix hydrolases contain a characteristic Nudix domain and are responsible for catalyzing the hydrolysis of nucleoside diphosphate derivatives. The gene encoding NUDT6 is a FGF-2 gene antisense transcript, and NUDT6 is believed to regulate FGF-2 expression. FGF-2 is a multifunctional heparin-binding growth factor important to angiogenesis, neuroectoderm development and wound healing. NUDT6 is expressed as two isoforms produced by alternative splicing.

Note: This product is for in vitro research use only