

À des fins de recherche uniquement

Anticorps Monoclonal anti-ING4

Numéro de catalogue: 60110-1-Ig



Informations de base

Numéro de catalogue: 60110-1-Ig	Numéro d'acquisition GenBank: BC007781	Méthode de purification: Précipitation de l'acide caprylique/du sulfate d'ammonium
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 51147	CloneNo.: 1F5G10
Hôte: Mouse	Nom complet: inhibitor of growth family, member 4	
Isotype: IgG1	MW calculé: 29 kDa	
Immunogen Catalog Number: AG4610	MW observés: 29 kDa	

Applications

Applications testées:
ELISA

Spécificité de l'espèce:
Humain

Informations générales

ING4, also named as p29ING4, belongs to the ING family. It is a component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. It may inhibit tumor progression by modulating the transcriptional output of signaling pathways which regulate cell proliferation. ING4 can suppress brain tumor angiogenesis through transcriptional repression of RELA/NFKB3 target genes when complexed with RELA. It may also specifically suppress loss of contact inhibition elicited by activated oncogenes such as MYC. Represses hypoxia inducible factor's (HIF) activity by interacting with HIF prolyl hydroxylase 2 (EGLN1). ING4 is a tumor suppressor gene that interacts with NFkB and represses its transcriptional activity. Several lines of evidence suggest that the tumor suppressor gene ING4, NFkB and its target genes matrix metalloproteases MMP-2, MMP-9 and u-PA are critically involved in tumor invasion. This antibody is a mouse monoclonal antibody raised against full length human ING4 antigen.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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