



Human AB blocking peptide (CDBP2571)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RP6-213H19.1 antibody
Antigen Description	The product of this gene is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MST4 serine/threonine protein kinase MST4 [Homo sapiens (human)]
Official Symbol	AB

Synonyms	MASK; serine/threonine-protein kinase MST4; STE20-like kinase MST4; mammalian sterile 20-like 4; Mst3 and SOK1-related kinase; serine/threonine-protein kinase MASK; mammalian Ste20-like protein kinase 4;
Entrez Gene ID	51765
mRNA Refseq	NM_001042452.1
Protein Refseq	NP_001035917.1
UniProt ID	Q9P289
Chromosome Location	Xq26.2
Pathway	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem; LKB1 signaling events, organism-specific biosystem;
Function	ATP binding; identical protein binding; magnesium ion binding; protein binding; protein kinase activity; receptor signaling protein serine/threonine kinase activity;