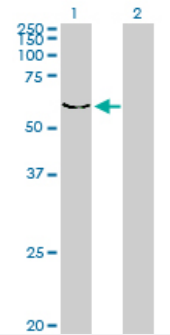
DYRK2 monoclonal antibody (M01), clone 3G5

Catalog # H00008445-M01 Size 100 ug

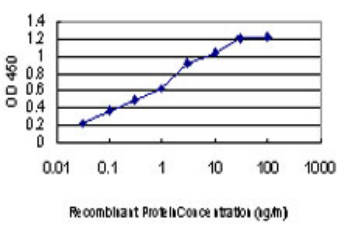
Applications



Western Blot (Transfected lysate)

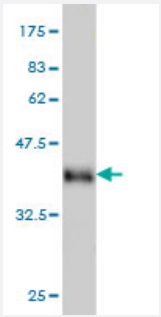
Western Blot analysis of DYRK2 expression in transfected 293T cell line by DYRK2 monoclonal antibody (M01), clone 3G5.

Lane 1: DYRK2 transfected lysate(59.7 KDa).
Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DYRK2 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DYRK2.

Immunogen	DYRK2 (AAH05809, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNDHLHVGSHAHGQIQVQQLFEDNSNKRTVLTTQPNGLTTVGKTGLPVVPERQLDSIHRRQGSST SLKSMEGMGKVKATPMTPEQAMKQYMQKLTAFEHH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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  Lane 1: DYRK2 transfected lysate(59.7 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged DYRK2 is approximately 0.03ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — DYRK2

Entrez GeneID	8445
GeneBank Accession#	BC005809
Protein Accession#	AAH05809
Gene Name	DYRK2
Gene Alias	FLJ21217, FLJ21365
Gene Description	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2
Omim ID	603496
Gene Ontology	Hyperlink
Gene Summary	DYRK2 belongs to a family of protein kinases whose members are presumed to be involved in cellular growth and/or development. The family is defined by structural similarity of their kinase domains and their capability to autophosphorylate on tyrosine residues. DYRK2 has demonstrated tyrosine autophosphorylation and catalyzed phosphorylation of histones H3 and H2B in vitro. Two isoforms of DYRK2 have been isolated. The predominant isoform, isoform 1, lacks a 5' terminal insert. [provided by RefSeq
Other Designations	-