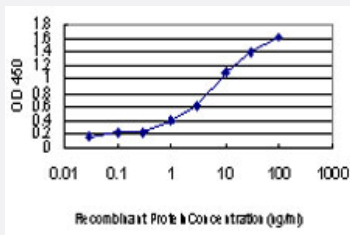


# AATK monoclonal antibody (M02), clone 2D10

Catalog # H00009625-M02

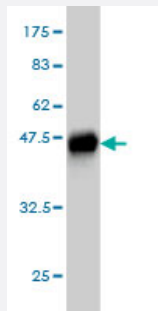
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AATK is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant AATK.
Immunogen	AATK (AAH47378, 161 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SPEFVLKEAQEGCEPQAFALASEGEGPGPETRLSTLSGLNEKNPYRDSAYFSDLEAEAEATS GPEKKCGGDRAPGPELGLRSTGQPSEQVCLRPGVSG
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (61); Rat (59)
Isotype	IgG1 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AATK is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — AATK

Entrez GeneID	<a href="#">9625</a>
GeneBank Accession#	<a href="#">BC047378</a>
Protein Accession#	<a href="#">AAH47378</a>
Gene Name	AATK
Gene Alias	AATYK, AATYK1, KIAA0641, LMR1, LMTK1, p35BP
Gene Description	apoptosis-associated tyrosine kinase
Omim ID	<a href="#">605276</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

The protein encoded by this gene contains a tyrosine kinase domain at the N-terminus and a proline-rich domain at the C-terminus. This gene is induced during apoptosis, and expression of this gene may be a necessary pre-requisite for the induction of growth arrest and/or apoptosis of myeloid precursor cells. This gene has been shown to produce neuronal differentiation in a neuroblastoma cell line. [provided by RefSeq]

**Other Designations**

CDK5-binding protein|lemur tyrosine kinase 1|p35-binding protein|serine/threonine-protein kinase LMTK1