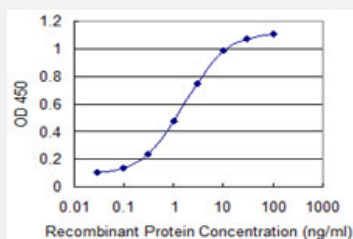


EWSR1 monoclonal antibody (M02), clone 3A9

Catalog # H00002130-M02

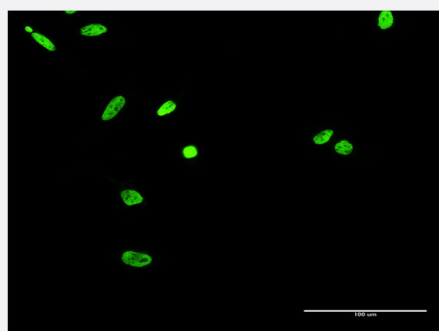
Size 100 ug

Applications



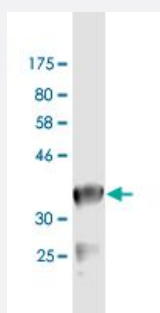
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EWSR1 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to EWSR1 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.3 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant EWSR1.

Immunogen	EWSR1 (NP_005234, 358 a.a. ~ 453 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SDNSAIYVQGLNDSVTLDDLADFFKQCGVVKMNKRTGQPMIHMLDKETGKPKGDATVSYEDPPT AKAAVEWFDGKDFQGSKLKVSLARKKPPMNS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.3 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 EWSR1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to EWSR1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — EWSR1

Entrez GeneID	2130
GeneBank Accession#	NM_005243
Protein Accession#	NP_005234
Gene Name	EWSR1

Gene Alias	EWS
Gene Description	Ewing sarcoma breakpoint region 1
Omim ID	133450
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and 14. [provided by RefSeq]</p>
Other Designations	Ewings sarcoma EWS-Fli1 (type 1) oncogene bK984G1.4 (Ewing sarcoma breakpoint region 1 protein)