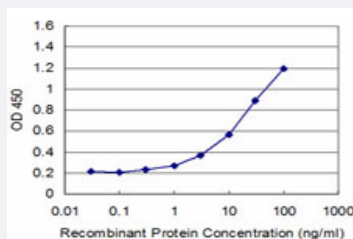


SPOP monoclonal antibody (M04), clone 3E2

Catalog # H00008405-M04

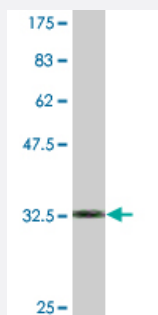
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SPOP is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.88 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SPOP.

Immunogen

SPOP (NP_001007227.1, 301 a.a. ~ 374 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

NAAEILADLHSADQLKTQAVDFINYHASDVLETSGWKSMVVSHPHLVAEAYRSLASACQCPFLGP
PRKRLKQS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.88 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 SPOP is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SPOP

Entrez GeneID	8405
GeneBank Accession#	NM_001007226
Protein Accession#	NP_001007227.1
Gene Name	SPOP
Gene Alias	TEF2
Gene Description	speckle-type POZ protein
Omim ID	602650
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein that may modulate the transcriptional repression activities of death-associated protein 6 (DAXX), which interacts with histone deacetylase, core histones, and other histone-associated proteins. In mouse, the encoded protein binds to the putative leucine zipper domain of macroH2A1.2, a variant H2A histone that is enriched on inactivated X chromosomes. The BTB/POZ domain of this protein has been shown in other proteins to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. Alternative splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations

-

Disease

- [Tobacco Use Disorder](#)