

Datasheet for ABIN6294242
anti-FBXO5 antibody (AA 1-250)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FBXO5
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FBXO5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Mouse anti-Human EMI1 Antibody [Sodium Azide Free]
Immunogen:	A recombinant fragment (203 amino acid residues between aa 1-250) from the human protein was used as the immunogen for the EMI1 antibody.
Specificity:	Nuclear
Purification:	A recombinant fragment (203 amino acid residues between aa 1-250) from the human protein was used as the immunogen for the EMI1 antibody.

Target Details

Target:	FBXO5
Alternative Name:	F-box only protein 5 (FBXO5 Products)

Target Details

Background:	Target Description: Early Mitotic Inhibitor-1 regulates mitosis by inhibiting the anaphase promoting complex/cyclosome (APC). It is a conserved F box protein containing a zinc-binding region essential for APC inhibition. The protein functions to promote cyclin A accumulation and S phase entry in somatic cells by inhibiting the APC complex. At the G1-S transition, EMI1 is transcriptionally induced by the E2F transcription factor. Overexpression accelerates S-phase entry and can override a G1 block caused by overexpression of Cdh1 or the E2F-inhibitor p105 retinoblastoma protein (pRb). Depleting cells of EMI1 through RNA interference prevents accumulation of cyclin A and inhibits S phase entry. Gene Symbol: FBX05///EMI1///FBX5
-------------	--

Gene ID:	26271
----------	-------

UniProt:	Q9UKT4
----------	------------------------

Pathways:	Mitotic G1-G1/S Phases
-----------	--

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 0.5-1 µg/mL Western blot: 1-2 µg/mL Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1) Prediluted format: incubate for 30 min at RT (2)
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
---------	--

Preservative:	Azide free
---------------	------------

Storage:	4 °C,-20 °C
----------	-------------

Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.
------------------	---