

Datasheet for ABIN513395
anti-APEX1 antibody (AA 1-318)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	APEX1
Binding Specificity:	AA 1-318
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APEX1 antibody is un-conjugated
Application:	ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant APEX1.
Immunogen:	APEX1 (AAH02338, 1 a.a. ~ 318 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MPKRGKKGAV AEDGDEL RTE PEAKKSKTAA KKNDKEAAGE GPALYEDPPD QKTSPSGKPA TLKICSWNVD GLRAWIKKKG LDWVKEEAPD ILCLQETKCS ENKLPAELQE LPGLSHQYWS APSDKEGYSG VGLLSRQCPL KVSYGIGEEE HDQEGRVIVA EFDSFVLVTA YVPNAGRGLV RLEYRQRWDE AFRKFLKGLA SRKPLVL CGD LNVAHEEIDL RNPKGNNKNA GFTPQERQGF GELLQAVPLA DSFRHLYPNT PYAYTFWTYM MNARSKNVGW RLDYFLLSHS LLPALCDSKI RSKALGSDHC PITLYLAL
Clone:	3E12
Isotype:	IgG2a

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

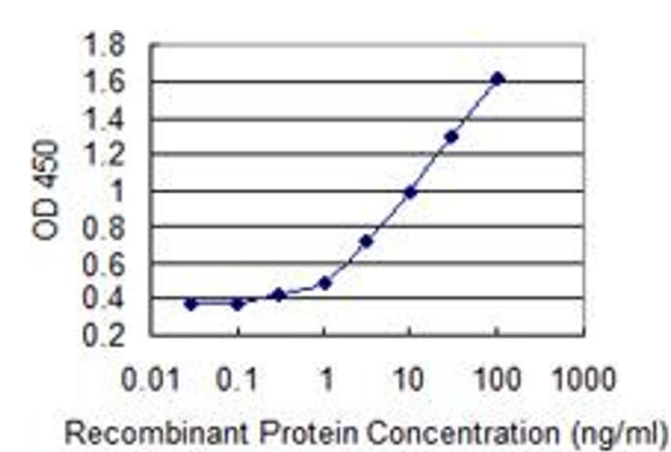
Target:	APEX1
Alternative Name:	APEX1 (APEX1 Products)
Background:	Full Gene Name: APEX nuclease (multifunctional DNA repair enzyme) 1 Synonyms: APE,APE-1,APE1,APEN,APEX,APX,HAP1,REF-1,REF1
Gene ID:	328
Pathways:	DNA Damage Repair , Chromatin Binding , Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

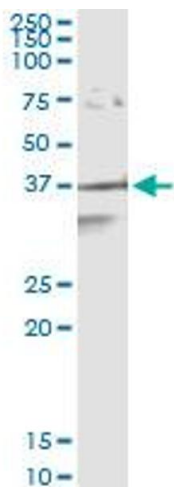
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



ELISA

Image 1. Detection limit for recombinant GST tagged APEX1 is 0.1 ng/ml as a capture antibody.



Immunoprecipitation

Image 2. Immunoprecipitation of APEX1 transfected lysate using anti-APEX1 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with APEX1 MaxPab rabbit polyclonal antibody.