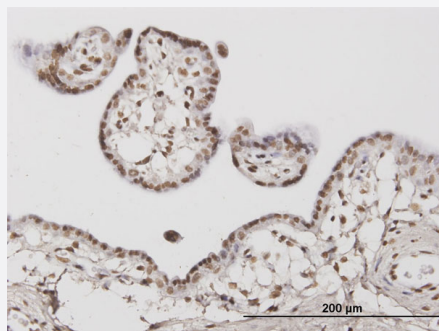


ATR monoclonal antibody (M03), clone 1E9

Catalog # H00000545-M03

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ATR on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ATR.
Immunogen	ATR (NP_001175, 2545 a.a. ~ 2644 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DQREPLMSVLKTFLLHDPLVEWSKPVKGHSKAPLNETGEVVNEKAKTHVLDIEQRLQGVIKTRNRVTGLPLSIEGHVHYLIQEATDENLLCQMYLGWTPYM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ATR on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

Gene Info — ATR

Entrez GeneID	545
GeneBank Accession#	NM_001184
Protein Accession#	NP_001175
Gene Name	ATR
Gene Alias	FRP1, MEC1, SCKL, SCKL1
Gene Description	ataxia telangiectasia and Rad3 related
Omim ID	210600 601215
Gene Ontology	Hyperlink
Other Designations	FRAP-related protein-1 MEC1, mitosis entry checkpoint 1, homolog Rad3 related protein ataxia t elangiectasia and Rad3 related protein protein kinase ATR

Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)

- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Coronary Disease](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Microsatellite Instability](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Werner syndrome](#)