

PAICS / ADE2 Antibody (clone 1B4)
Mouse Monoclonal Antibody
Catalog # ALS15585

Specification

PAICS / ADE2 Antibody (clone 1B4) - Product Information

Application	IHC, WB, IF
Primary Accession	P22234
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	47kDa kDa

PAICS / ADE2 Antibody (clone 1B4) - Additional Information

Gene ID 10606

Other Names

Multifunctional protein ADE2, Phosphoribosylaminoimidazole-succinocarboxamide synthase, 6.3.2.6, SAICAR synthetase, Phosphoribosylaminoimidazole carboxylase, 4.1.1.21, AIR carboxylase, AIRC, PAICS, ADE2, AIRC, PAIS

Target/Specificity

Human PAICS

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

PAICS / ADE2 Antibody (clone 1B4) is for research use only and not for use in diagnostic or therapeutic procedures.

PAICS / ADE2 Antibody (clone 1B4) - Protein Information

Name PAICS ([HGNC:8587](#))

Function

Bifunctional phosphoribosylaminoimidazole carboxylase and phosphoribosylaminoimidazole succinocarboxamide synthetase catalyzing two reactions of the de novo purine biosynthetic pathway.

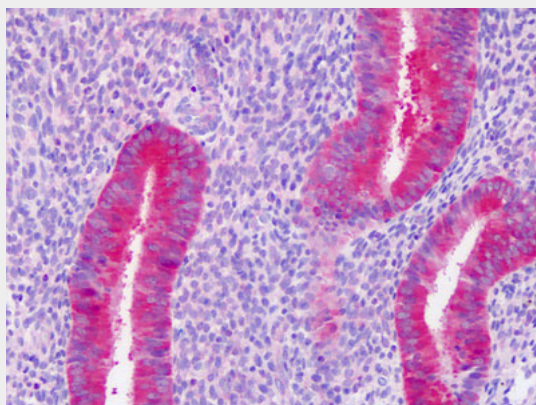
PAICS / ADE2 Antibody (clone 1B4) - Protocols

Provided below are standard protocols that you may find useful for product applications.

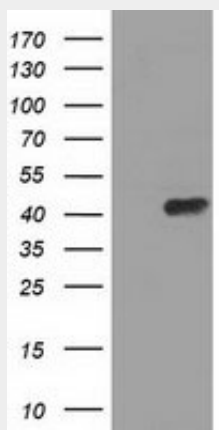
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

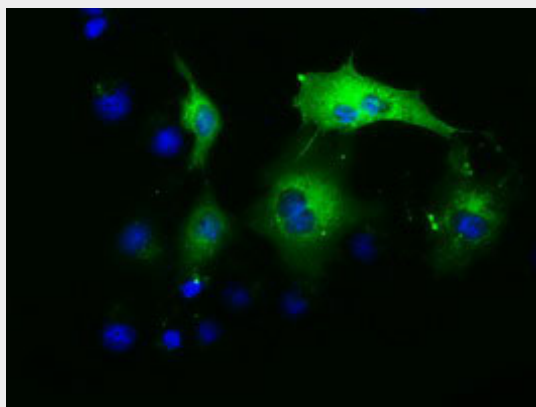
PAICS / ADE2 Antibody (clone 1B4) - Images



Anti-PAICS / ADE2 antibody IHC staining of human uterus, endometrium.



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PAICS...



Anti-PAICS mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...

PAICS / ADE2 Antibody (clone 1B4) - References

Minet M.,et al.Curr. Genet. 18:287-291(1990).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Hillier L.W.,et al.Nature 434:724-731(2005).
Bienvenut W.V.,et al.Submitted (JUL-2004) to UniProtKB.