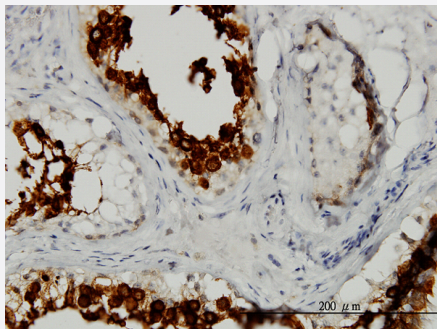


ART3 monoclonal antibody (M05), clone 3A2

Catalog # H00000419-M05

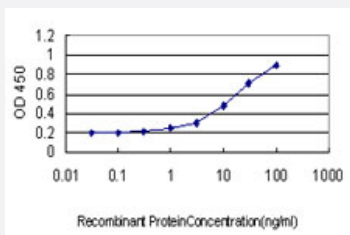
Size 100 ug

Applications



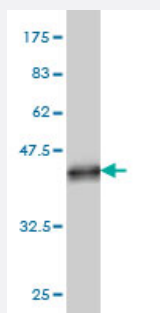
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ART3 on formalin-fixed paraffin-embedded human testis. [antibody concentration 2 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ART3 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ART3.

Immunogen	ART3 (NP_001170, 29 a.a. ~ 138 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LDMADNAFDDEYLKCTDRMEIKYVPQLLKEEKASHQQLDTVWENAKAKWAARKTQIFLPMNFKD NHGIALMAYISEAQEQTPFYHLFSEAVKMAGQSREDYTYGFQFKAF
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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](#)

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

Immunoperoxidase of monoclonal antibody to ART3 on formalin-fixed paraffin-embedded human testis. [antibody concentration 2 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ART3 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ART3

Entrez GeneID	419
GeneBank Accession#	NM_001179

Protein Accession#	NP_001170
Gene Name	ART3
Gene Alias	FLJ26404
Gene Description	ADP-ribosyltransferase 3
Omim ID	603086
Gene Ontology	Hyperlink
Gene Summary	ADP-ribosylation is a reversible posttranslational modification used to regulate protein function. ADP-ribosyltransferases, such as ART3, transfer ADP-ribose from NAD ⁺ to the target protein, and ADP-ribosylhydrolases (see PARG; MIM 603501) reverse the reaction (Glowacki et al., 2002 [PubMed 12070318]).[supplied by OMIM]
Other Designations	mono-ADP-ribosyltransferase

Publication Reference

- [Genome-Wide Expression of Azoospermia Testes Demonstrates a Specific Profile and Implicates ART3 in Genetic Susceptibility.](#)

Okada H, Tajima A, Shichiri K, Tanaka A, Tanaka K, Inoue I.

PLoS Genetics 2008 Feb; 4(2):e26.

Application: IHC-P, Human, Human Testes from patients with non-obstructive azoospermia (NOA) and obstructive azoospermia (OA)

Disease

- [Azoospermia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)