

## ARG66299 anti-ADAM19 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ADAM19
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ADAM19
Species	Human
Immunogen	Synthetic peptide around the internal region of Human ADAM19 (KIQQSSEARPLESN).
Conjugation	Un-conjugated
Alternate Names	ADAM 19; FKSG34; EC 3.4.24.-; MADDAM; Disintegrin and metalloproteinase domain-containing protein 19; MLTNB; Meltrin-beta; Metalloprotease and disintegrin dendritic antigen marker

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 125 kDa (glycosylated)	

### Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

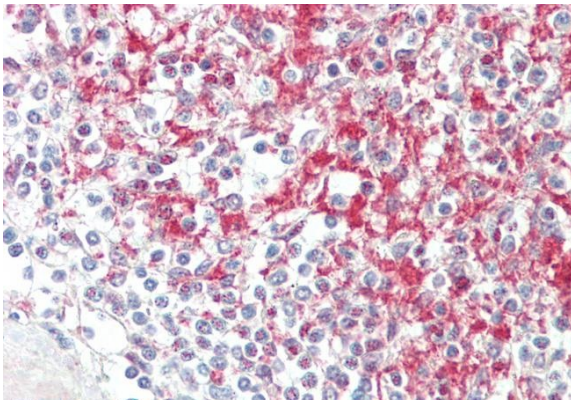
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	ADAM19
Gene Full Name	ADAM metallopeptidase domain 19
Background	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has been demonstrated to be an active metalloproteinase, which may be involved in normal physiological processes such as cell migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. It is proposed to play a role in pathological processes, such as cancer, inflammatory diseases, renal diseases, and Alzheimer's disease. [provided by RefSeq, May 2013]
Function	Participates in the proteolytic processing of beta-type neuregulin isoforms which are involved in neurogenesis and synaptogenesis, suggesting a regulatory role in glial cell. Also cleaves alpha-2 macroglobulin. May be involved in osteoblast differentiation and/or osteoblast activity in bone (By similarity). [UniProt]
Calculated Mw	105 kDa
PTM	The precursor is cleaved by a furin endopeptidase. [UniProt]

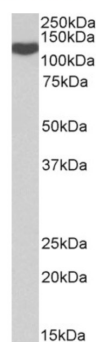
## Images



ARG66299 anti-ADAM19 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human spleen stained with ARG66299 anti-ADAM19 antibody. Antigen Retrieval: Boil tissue section in Citrate buffer (pH 6.0).

Human spleen



ARG66299 anti-ADAM19 antibody WB image

Western blot: 35 µg of Human spleen lysate stained with ARG66299 anti-ADAM19 antibody at 0.1 µg/ml dilution (1 hour incubation).