

USP34 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant USP34.****Catalog # AT4488a****Specification**

USP34 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, IHC, E
Primary Accession	Q70CQ2
Other Accession	NM_014709
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	404233

USP34 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9736**Other Names**

Ubiquitin carboxyl-terminal hydrolase 34, Deubiquitinating enzyme 34, Ubiquitin thioesterase 34, Ubiquitin-specific-processing protease 34, USP34, KIAA0570, KIAA0729

Target/Specificity

USP34 (NP_055524, 3296 a.a. ~ 3395 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

USP34 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

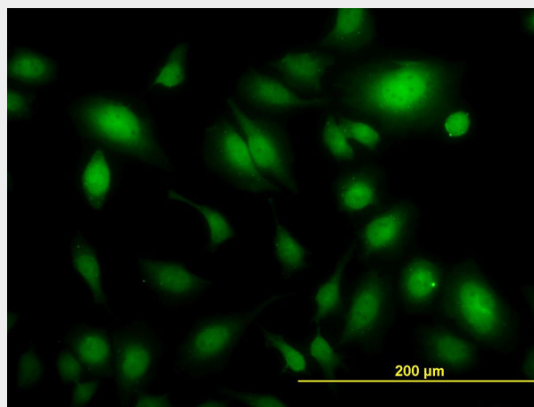
USP34 Antibody (monoclonal) (M01) - Protocols

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

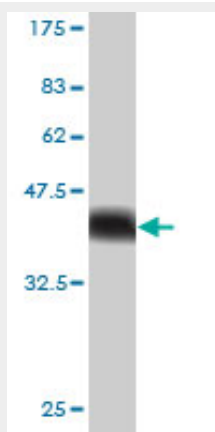
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

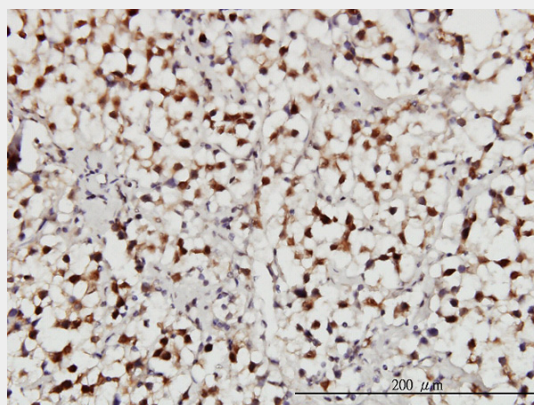
USP34 Antibody (monoclonal) (M01) - Images



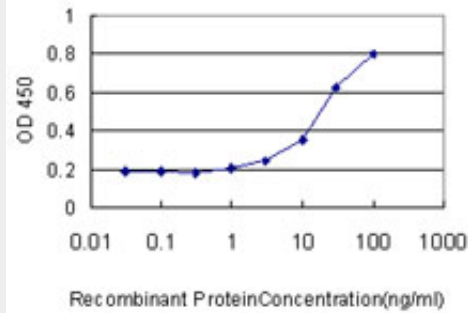
Immunofluorescence of monoclonal antibody to USP34 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Immunoperoxidase of monoclonal antibody to USP34 on formalin-fixed paraffin-embedded human seminoma. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged USP34 is approximately 1ng/ml as a capture antibody.

USP34 Antibody (monoclonal) (M01) - References

1.The ubiquitin specific protease USP34 promotes ubiquitin signaling at DNA double-strand breaks.Sy SM, Jiang J, O WS, Deng Y, Huen MS.Nucleic Acids Res. 2013 Jul 17;21(13):3211-21.
2.Caveolin-1 (P132L), a Common Breast Cancer Mutation, Confers Mammary Cell Invasiveness and Defines a Novel Stem Cell/Metastasis-Associated Gene Signature.Bonuccelli G, Casimiro MC, Sotgia F, Wang C, Liu M, Katiyar S, Zhou J, Dew E, Capozza F, Daumer KM, Minetti C, Milliman JN, Alpy F, Rio MC, Tomasetto C, Mercier I, Flomenberg N, Frank PG, Pestell RG, Lisanti MP.Am J Pathol. 2009 May;174(5):1650-62.