

Datasheet for ABIN566122
anti-MTUS1 antibody (AA 1-240)



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Overview

Quantity:	100 µg
Target:	MTUS1
Binding Specificity:	AA 1-240
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MTUS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant MTUS1.
Immunogen:	MTUS1 (AAH33842, 1 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MQLQEQFDNL NAAHETSKLE IEASHSEKLE LLTKAYEASL SEIKKGHEIE KKSLEDLLSE KQESLEKQIN DLKSENDALN EKLKSEEQKR RAREKANLKN PQIMYLEQEL ESLKAVLEIK NEKLHQQDIK LMKMGKLVND NTALVDKLR FQGENEELKA RMDKHMAISR QLSTEQAVLQ ESLEKESKVN KRLSMENEEL LWKLNHGDLC SPKRSPTSSA IPLQSPRNSG SFPSPSISPR
Clone:	1C7
Isotype:	IgG1
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: MTUS1

Alternative Name: MTUS1 ([MTUS1 Products](#))

Background: Full Gene Name: mitochondrial tumor suppressor 1
Synonyms: ATIP,DKFZp586D1519,DKFZp686F20243,FLJ14295,KIAA1288,MP44,MTSG1

Gene ID: 57509

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

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

Publications

Product cited in: Zhao, He, Liu, Ding, Zhou, Wang: "Angiotensin II type 2 receptor-interacting protein 3a suppresses proliferation, migration and invasion in tongue squamous cell carcinoma via the extracellular signal-regulated kinase-Snai2 pathway." in: **Oncology letters**, Vol. 11, Issue 1, pp. 340-344, (2016) ([PubMed](#)).

Shinoda, Luijten, Hasegawa, Hong, Sonne, Kim, Xue, Chondronikola, Cypess, Tseng, Nedergaard, Sidossis, Kajimura: "Genetic and functional characterization of clonally derived adult human brown adipocytes." in: **Nature medicine**, Vol. 21, Issue 4, pp. 389-94, (2015) ([PubMed](#)).

Rogler, Hoja, Giedl, Ekici, Wach, Taubert, Goebell, Wullich, Stöckle, Lehmann, Petsch, Hartmann, Stoehr: "Loss of MTUS1/ATIP expression is associated with adverse outcome in advanced

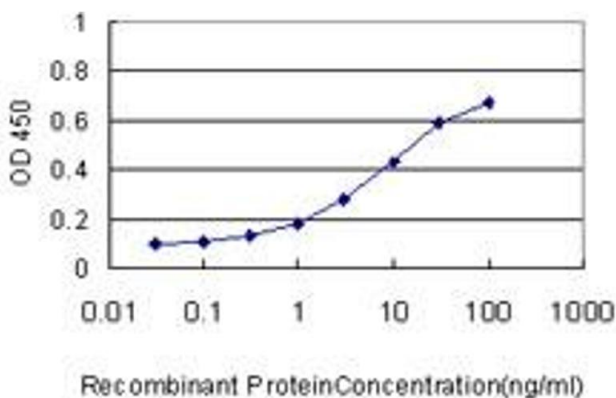
bladder carcinomas: data from a retrospective study." in: **BMC cancer**, Vol. 14, pp. 214, (2014) ([PubMed](#)).

Guimond, Battista, Nikjouitavabi, Carmel, Barres, Doueik, Fazli, Gleave, Sabbagh, Gallo-Payet: "Expression and role of the angiotensin II AT2 receptor in human prostate tissue: in search of a new therapeutic option for prostate cancer." in: **The Prostate**, Vol. 73, Issue 10, pp. 1057-68, (2013) ([PubMed](#)).

Ding, Zhang, Cai, Li, Zheng, Jin, Yu, Wang, Zhou: "Down-regulation of tumor suppressor MTUS1/ATIP is associated with enhanced proliferation, poor differentiation and poor prognosis in oral tongue squamous cell carcinoma." in: **Molecular oncology**, Vol. 6, Issue 1, pp. 73-80, (2012) ([PubMed](#)).

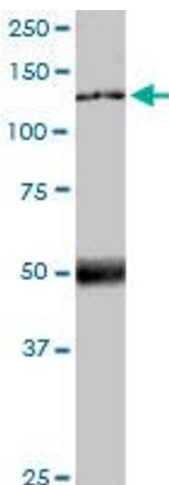
There are more publications referencing this product on: [Product page](#)

Images



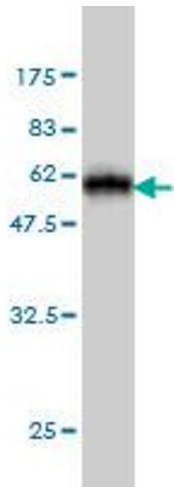
ELISA

Image 1. Detection limit for recombinant GST tagged MTUS1 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 2. MTUS1 monoclonal antibody (M01), clone 1C7. Western Blot analysis of MTUS1 expression in human colon.



Western Blotting

Image 3. Western Blot detection against Immunogen (52.14 kDa).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN566122.