

# anti-MTA1-RAB-T21



## Applications

Competition ELISA	Western Blot	SPR	Spiked IP	Immunofluorescence	IP-MS	ChIP
				Pass	Pass	

\*rAb has been tested for the following applications. See below for the experimental details.

## Antibody information

**rAb ID:** anti-MTA1-RAB-T21

**Description:** recombinant Fab fragment obtained by recombinant antibody (rAb) phage display recognizing *MTA1* protein under non-denaturing conditions; specificity and affinity tested.

**Binder type:** rAb **Isotype:** IgG1 **Species:** *Homo sapiens* **Produced in:** *E. coli* **rAb tags:** His-tag; Flag-tag

**Specificity:** reacts with *Homo sapiens* MTA1 **Epitope:** binds to folded domain amino acids 269-460

**Storage conditions:** short term – store at 4°C (over 6 months), long term - PBS -20°C or -80°C

**Link:** <http://recombinant-antibodies.org/binders/anti-MTA1-RAB-T21>

## Antigen information

**Protein Name:** Metastasis-associated 1

**HGNC Symbol:** MTA1 **HGNC ID:** 7410 **Species:** *Homo sapiens*

**UniProt AC:** Q13330 **UniProt KB:** MTA1\_HUMAN

**Protein Sequence:**

MGSSHHHHHHGSGGISALVPQGGPVLCRDEMEEWSASEANLFEEALEKYGKDFDIQQDFLPWKSLTSIIIEYYMWKTTD  
RYVQQKRLKAAEAESKLGKQVYIPNYPNPNQISVNNVKAGVVNGTGAPGQSPGAGRACESCYTTQSYQWYSWGPPNM  
QCRLCASCWTYWKKYGGKMPTRLGGERPGPNRSNMSPHGLPARSSGGGLNDIFEAQKIEWHE

**Tag N-terminus:** MGSSHHHHHHGSGG **Tag C-terminus:** GGGLNDIFEAQKIEWHE

**Vector Type:** RH2.2 **Vector Link:** <http://dnasu.org/DNASU/GetVectorDetail.do?vectorid=612>

**Protein Sequence Position:** 269-460 **Antigen source:** *E. coli* **Source Lab:** RAN **Source Lab ID:** MTA1 **Description:** affinity purified recombinant protein

## Validation data

### Spiked IP:

#### Status:

Experimental Conditions: <http://recombinant-antibodies.org/protocols/spiked-IP>

### Immunofluorescence:

#### Status: Pass

Experimental Conditions: <http://recombinant-antibodies.org/protocols/immunofluorescence>

### IP-MS – immunoprecipitation for mass spectrometric analysis:

#### Status: Pass

Experimental Conditions: <http://recombinant-antibodies.org/protocols/IP-MS>

### ChIP – chromatin immunoprecipitation:

#### Status:

Experimental Conditions: Pending

### IP – immunoprecipitation:

#### Status:

Experimental Conditions: Pending

### SP Elisa:

#### Status:

Experimental Conditions: <http://recombinant-antibodies.org/protocols/ELISA-IC50-EC50-direct-coating>

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