

Datasheet: MCA6354

BATCH NUMBER 157617

| | |
|----------------------|---------------------|
| Description: | RABBIT ANTI TTF1 |
| Specificity: | TTF1 |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | RM373 |
| Isotype: | IgG |
| Quantity: | 0.1 ml |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Paraffin | ▪ | | | 1/500 - 1/1000 |
| Western Blotting | ▪ | | | 1/1000 - 1/2000 |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

| | |
|--------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.09% Sodium Azide |
| Stabilisers | 1% Bovine Serum Albumin 50% Glycerol |
| Immunogen | A peptide corresponding to the N-terminus of human TTF1 |
| External Database | UniProt: |

Links

[P43699](#) [Related reagents](#)

Entrez Gene:

[7080](#) NKX2-1 [Related reagents](#)

Synonyms

NKX2A, TITF1, TTF1

Specificity

Rabbit anti TTF1 antibody recognizes homeobox protein Nkx-2.1, also known as NKX2-1 and thyroid transcription factor 1 (TTF1).

TTF1 is a homeobox-containing transcription factor expressed during embryonic development of the thyroid, respiratory epithelium, and diencephalon. Expression of TTF1 in normal tissues is restricted to the thyroid and pulmonary epithelium, but the gene can be overexpressed in thyroid tumors and pulmonary neoplasms ([Aversa and Bellan 2018](#)). As such, TTF1 is used alongside GATA3 to distinguish primary lung adenocarcinoma from metastatic bladder cancer ([Zhao et al. 2019](#)). TTF1 appears to have dual roles in cancer cell survival and progression ([Huang et al. 2017](#)).

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6354>
10048

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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