# MED1 (PTR1203) mouse mAb

YM4730

## Key Features

**Host Species**
- Mouse

**Reactivity**
- Human

**Applications**
- WB, IF, ELISA

**MW**
- 220 kDa (Calculated)
- 220 kDa (Observed)

**Isotype**
- IgG1, kappa

## Recommended Dilution Ratios

| Application | Dilution |
|---|---|
| Western Blotting (WB) | 1:500-2000 |
| Immunofluorescence (IF) | 1:100-500 |
| ELISA | 1:1000-5000 |

## Storage

| | |
|---|---|
| **Storage at** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Storage buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |

## Basic Information

| | |
|---|---|
| **Clonality** | Monoclonal |
| **Clone Number** | PTR1203 |
| **Immunogen** | A synthetic peptide corresponding to the amino acid region 650-750 of the human MED1 protein. |
| **Specificity** | This antibody detects endogenous levels of MED1 protein. |
| **Purification** | Affinity purification Protein A |
| **Concentration** | Product concentration may vary by batch. Please refer to the product COA for details. |

## Target Information

| | |
|---|---|
| **Gene name** | Mediator of RNA polymerase II transcription subunit 1 (Activator-recruited cofactor 205 kDa component) (ARC205) (Mediator complex subunit 1) (Peroxisome prolifeRator-activated receptor-binding protein) (PBP) (PPAR-binding protein) (Thyroid hormone receptor |
| **Protein Name** | MED1 |

| Database Link | Organism | SwissProt | Gene ID |
|---|---|---|---|
| | Human | Q15648 | 5469 |
| | Mouse | Q925J9 | 19014 |
| | Rat | | |

| | |
|---|---|
| **Background** | **mediator complex subunit 1(MED1) Homo sapiens The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. It also regulates p53-dependent apoptosis and it is essential for adipogenesis. This protein is known to have the ability to self-oligomerize. [provided by RefSeq, Jul 2008],** |

## Contact information


| | |
|---|---|
| **Address:** | 2200 Ringwood Ave, San Jose, CA 95131 USA. |
| **Telephone number:** | (877) 594-3616 (Toll-free), (408) 747-0185. |
| **Website:** | www.assaybiotechnology.com |
| **Email:** | order@assaybiotech.com<br>tech@assaybiotech.com |