

PD-1 (M699V) Mouse mAb

CatalogNo: AH0001

•Main information

| | |
|---------------------|--------------------------------------|
| Target | PD1 |
| Reactivity | Human |
| Applications | IHC,IF,ELISA |
| MW (kDa) | 32kD (Calculated) 56kD (Observed) |
| Host Species | Mouse |
| Isotype | IgG1,Kappa |

•Recommended Dilutions

| | |
|-------|---|
| IHC | 1:200-400 |
| IF | 1:200-1:1000 |
| ELISA | 1:500-5000 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0 (Cat#RH0011) |

•Detailed information

| | |
|---------------------|--|
| Specificity | The antibody can specifically recognize human PD-1 protein. |
| Storage | -15°C to -25°C/1 year(Do not lower than -25°C, Ship by ice bag) |
| Formulation | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Purification | The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen. |
| Clonality | Monoclonal |
| Clone Number | M699V |

•Target Information

Gene name PDCD1 PD1

Protein Name Programmed cell death protein 1 (Protein PD-1) (hPD-1) (CD antigen CD279)

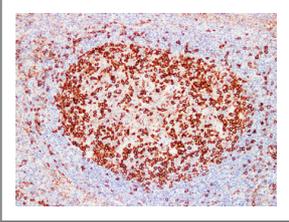
| Organism | Gene ID | UniProt ID |
|----------|------------------------|--------------------------|
| Human | 5133 ; | Q15116 ; |

Cellular Localization Membranous, Cytoplasmic

Tissue specificity Placenta,Pooled tissue,Uterine cervix,

Function developmental stage:Induced at programmed cell death.,Disease:Genetic variation in PDCD1 is associated with susceptibility to systemic lupus erythematosus type 2 (SLEB2) [MIM:605218]. Systemic lupus erythematosus is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.,Function:Possible cell death inducer, in association with other factors.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Monomer.,

•Validation Data



Immunohistochemical analysis of paraffin-embedded Tonsil. 1, Antibody was diluted at 1:200(4°,overnight). 2, Citric acid ,pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

•Contact information

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PD-1 (M699V)
Mouse mAb

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