

Mesothelin (ABT92R) rabbit mAb

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| Catalog No : | YM8012 |
| Reactivity : | Human; |
| Applications : | WB;IHC;ELISA |
| Target : | Mesothelin |
| Gene Name : | MSLN MPF |
| Protein Name : | Mesothelin |
| Human Gene Id : | 10232 |
| Human Swiss Prot No : | Q13421 |
| Mouse Gene Id : | 56047 |
| Mouse Swiss Prot No : | Q61468 |
| Rat Gene Id : | 60333 |
| Rat Swiss Prot No : | Q9ERA7 |
| Immunogen : | Synthesized peptide derived from human protein. AA range:400-500 |
| Specificity : | endogenous |
| Formulation : | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Source : | Monoclonal Rabbit IgG1, Kappa |
| Dilution : | IHC 1:100-500 WB 1:500-2000 ELISA: 1:20000 |
| Purification : | Protein A |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

Molecularweight : 69kD

Background : This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016],

Function : disease:Antibodies against MSLN are detected in patients with mesothelioma and ovarian cancer.,function:Megakaryocyte-potentiating factor (MPF) potentiates megakaryocyte colony formation in vitro.,function:Membrane-anchored forms may play a role in cellular adhesion.,PTM:Both MPF and the cleaved form of mesothelin are N-glycosylated.,PTM:Proteolytically cleaved by a furin-like convertase to generate megakaryocyte-potentiating factor (MPF), and the cleaved form of mesothelin.,similarity:Belongs to the mesothelin family.,subunit:Interacts with MUC16.,tissue specificity:Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level).,

Subcellular Location : Cytoplasmic, Membranous

Expression : Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level).

Sort : 9591

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images