



# MER34 rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-07995                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>                   | ERVMER34-1 LP9056                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                   | Synthesized peptide derived from human MER34 AA range: 391-441                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>                 | This antibody detects endogenous levels of MER34 at Human                                                                                                                                                                                                                                                                                                                                                          |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.109% sodium azide.                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                          |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>                    | MER34;ERVMER34-1 LP9056;HERV-MER_4q12 provirus ancestral Env polyprotein (Endogenous retrovirus group MER34 member 1)                                                                                                                                                                                                                                                                                              |
| <b>Observed Band</b>               | 60kD                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Calculated Molecular Weight</b> | 60kD                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>                | [Endogenous retroviral envelope protein HEMO]: Cell membrane ; Single-pass type I membrane protein . This uncleaved form present at the cell surface represents the major form (PubMed:28739914). . ; [Endogenous retroviral envelope protein HEMO, secreted form]: Secreted . This secreted form, which is released in the extracellular medium following cleavage, constitutes a minor form (PubMed:28739914). . |
| <b>Tissue Specificity</b>          | Expressed at high level in the placenta and stem cells (at protein level) (PubMed:28739914). Also expressed in the kidney but at a lower level (PubMed:28739914). Endogenous retroviral envelope protein HEMO, secreted form: Present in the blood of pregnant women (at protein level) (PubMed:28739914).                                                                                                         |
| <b>Function</b>                    | function:Retroviral envelope proteins mediate receptor recognition and membrane fusion during early infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution.,                                                                                                                                                                                             |

similarity:Belongs to the gamma type-C retroviral envelope protein family.,

## Background

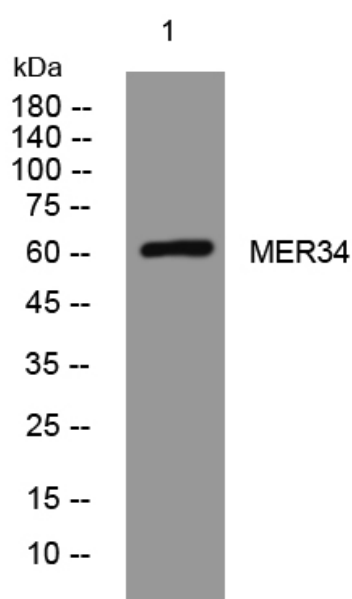
### matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4°over night