

Enogene

## MUM1 Mouse Monoclonal Antibody

E10-30048

**Background:** Mutated melanoma-associated antigen 1 (MUM1) is a 78 kDa protein encoded by the MUM1 gene. MUM1 is expressed in a subset of B cells in the light zone of the germinal center, plasma cells, activated T cells and a wide spectrum of related hematolymphoid neoplasms. Antibodies to MUM1 are useful in the sub classification of lymphoid malignancies.

**Catalog Number:** E10-30048

**Amount:** 100 $\mu$ g/100 $\mu$ l

**Clone Number:** 4G10

**Species:** Mouse IgG1

**MW:** 78.6kDa

**Aliases:** MUM-1; EXPAND1; HSPC211; FLJ14868; FLJ22283; MGC131891; MGC163315; MUM1

**Entrez Gene:** 84939

**Immunogen:** Purified recombinant fragment of human MUM1 expressed in E. Coli.

**Storage:** Store at 4°C, for long term storage, store at -20°C.

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human

**Tested Applications:** WB, IHC, ELISA. Not yet tested in other applications.

**Application notes:** WB: 1/500 - 1/2000, IHC: 1/200-1/1000, ELISA: Propose dilution 1/10000.

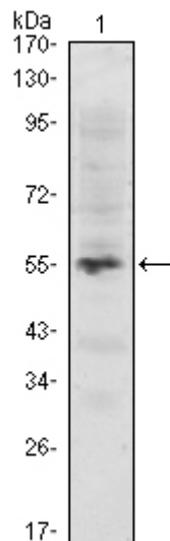


Figure 1: Western blot analysis using MUM1 mouse mAb against recombinant fragment of human MUM1.

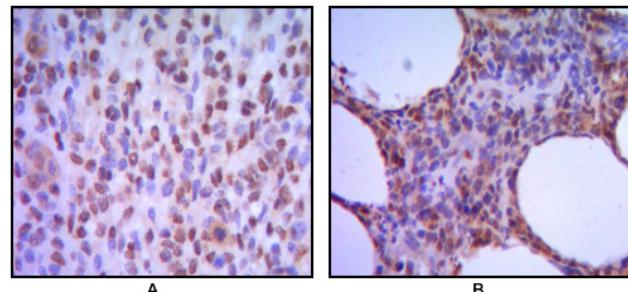


Figure 2: Immunohistochemical analysis of paraffin-embedded human melanoma (A), non-Hodgkin's lymphoma (B), using MUM1 mouse mAb with DAB staining.

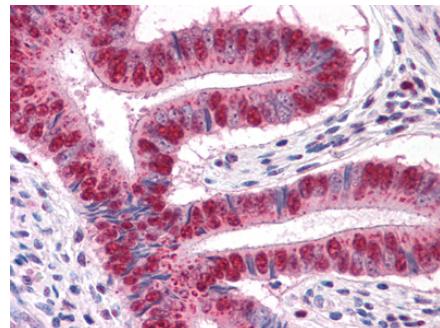


Figure 3: Immunohistochemical analysis of paraffin-embedded human Uterus tissues using MUM1 mouse mAb