Rabbit Anti-IMP3/KOC/L523S [EP286]: RM0344, RM0344RTU7

**Intended Use:** For Research Use Only

**Description:** Insulin-like growth factor-II messenger RNA (mRNA)-binding protein-3 (IMP-3), also known as K homology domain-containing protein overexpressed in cancer (KOC) and L523S, is a member of the insulin-like growth factor-II mRNA-binding protein family and is expressed during embryogenesis and in some malignancies. IMP-3 is expressed in malignant melanoma but not in benign nevi, even when dysplastic features are present; IMP-3 is expressed in a significantly higher proportion of melanomas than Spitz nevi; and IMP-3 is expressed in metastatic melanomas significantly more than in thin melanomas. IMP-3 appears to be involved in the progression of malignant melanoma and may play an important role in the regulation of the biologic behavior of this tumor.

**Specifications**
- **Clone:** EP286
- **Source:** Rabbit
- **Isotype:** IgG
- **Localization:** Cytoplasm, nucleus
- **Formulation:** Antibody in PBS pH 7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
- **Storage:** Store at 2°C - 8°C
- **Applications:** IHC
- **Package:**
  - IMP3/KOC/L523S Concentrated: RM0344, 1 ml
  - IMP3/KOC/L523S Prediluted: RM0344RTU7, 7 ml

**IHC Procedure**
- **Positive Control Tissue:** Placenta, prostate cancer
- **Concentrated Dilution:** 25-100
- **Pretreatment:** Citrate pH 6.0 or EDTA pH 8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°C-99°C
- **Incubation Time and Temp:** 30-60 minutes @ RT
- **Detection:** Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.

References: