

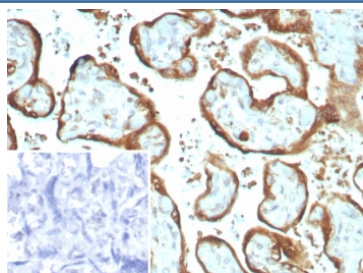
## IMP3 Antibody / Insulin like growth factor 2 mRNA binding protein 3 [clone IMP3/8934R] (V4394)

| Catalog No.    | Formulation   | Size   |
|----------------|---|--------|
| V4394-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4394-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V4394SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

|                    |   |
|--------------------|---|
| Availability       | 1-3 business days   |
| Species Reactivity | Human   |
| Format             | Purified  |
| Host               | Rabbit  |
| Clonality          | Recombinant Rabbit Monoclonal                               |
| Isotype            | Rabbit IgG, kappa   |
| Clone Name         | IMP3/8934R  |
| Purity             | Protein A/G affinity  |
| UniProt            | Q9NV31  |
| Localization       | Nucleus   |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| Limitations        | This IMP3 antibody is available for research use only.      |



IHC staining of FFPE human placental tissue with IMP3 antibody (clone IMP3/8934R)  
Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### Description

Imp3, also known as BRMS2, C15orf12 or MRPS4, is a 184 amino acid protein that contains one S4 RNA-binding domain

and is the mammalian homolog of the yeast Imp3 protein. Localized to the nucleus, Imp3 exists as a component of a heterotrimeric complex consisting of MPP10, Imp3 and Imp4 and, in this complex, plays a key role in early cleavage events during pre-18S ribosomal processing. The gene encoding Imp3 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

## Application Notes

Optimal dilution of the IMP3 antibody should be determined by the researcher.

## Immunogen

A recombinant fragment of human protein was used as the immunogen for the IMP3 antibody.

## Storage

Aliquot the IMP3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.