bs-6819R **[Primary Antibody]**

MAGEA2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 266740 **SWISS:** P43356

Target: MAGEA2

Immunogen: KLH conjugated synthetic peptide derived from human MAGEA2: 101-200/314.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. This gene has two identical copies at different loci. Alternatively spliced transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

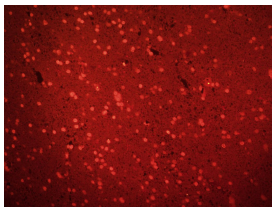
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human

Predicted MW.: 35 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MAGEA2) Polyclonal Antibody, Unconjugated (bs-6819R) at 1:100 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-Cy3) for 90 minutes, and DAPI for nuclei staining.

SELECTED CITATIONS

- **[IF=1.89]** Choudhary, Meenakshi, et al. "Enhancing Lung Cancer Diagnosis: Electrochemical Simultaneous Bianalyte Immunosensing Using Carbon Nanotubes–Chitosan Nanocomposite." Applied Biochemistry and Biotechnology (2014): 1-13. Other ;. 25024132

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.