

Product datasheet for **TA349770**

MD2 (LY96) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse liver tissue and 231 cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human LY96
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	lymphocyte antigen 96
Database Link:	NP_056179 Entrez Gene 17087 Mouse Entrez Gene 23643 Human Q9Y6Y9

Background: This gene encodes a protein which associates with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccharide (LPS), thus providing a link between the receptor and LPS signaling. Studies of the mouse ortholog suggest that this gene may be involved in endotoxin neutralization. Alternative splicing results in multiple transcript variants encoding different isoforms.



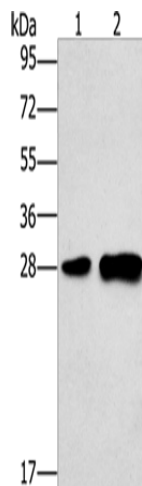
[View online »](#)

Synonyms: ESOP-1; ly-96; MD-2; MD2

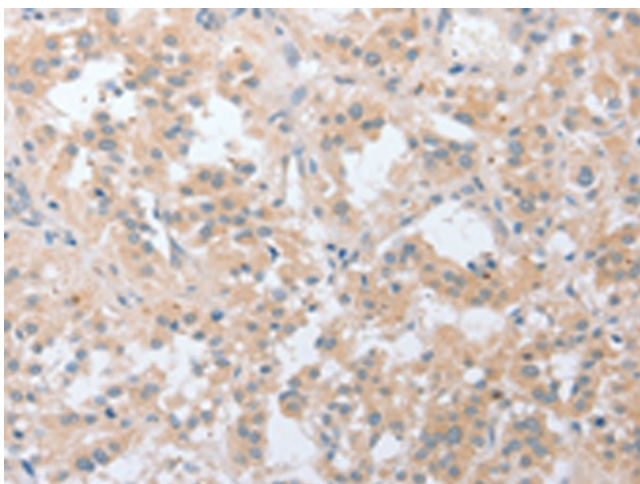
Protein Families: Secreted Protein

Protein Pathways: Pathogenic Escherichia coli infection, Toll-like receptor signaling pathway

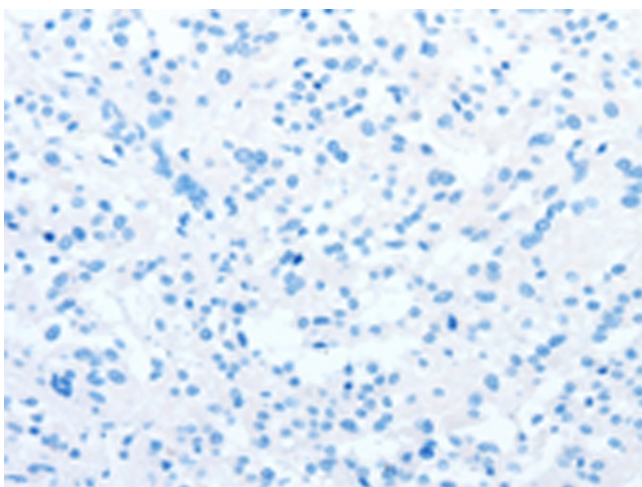
Product images:



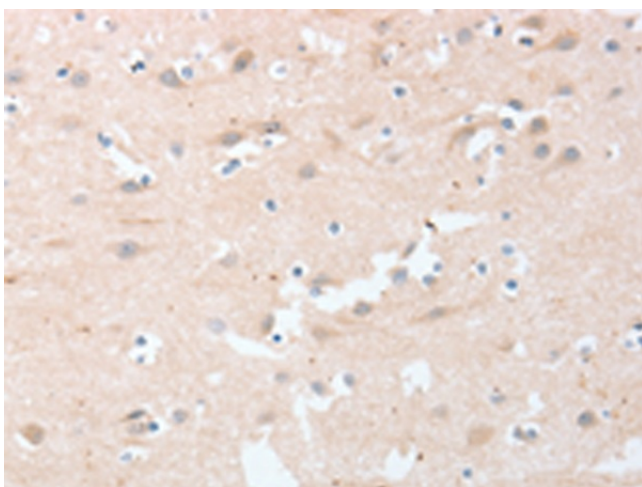
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse liver tissue
231 cells
Primary antibody: TA349770 (LY96 Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



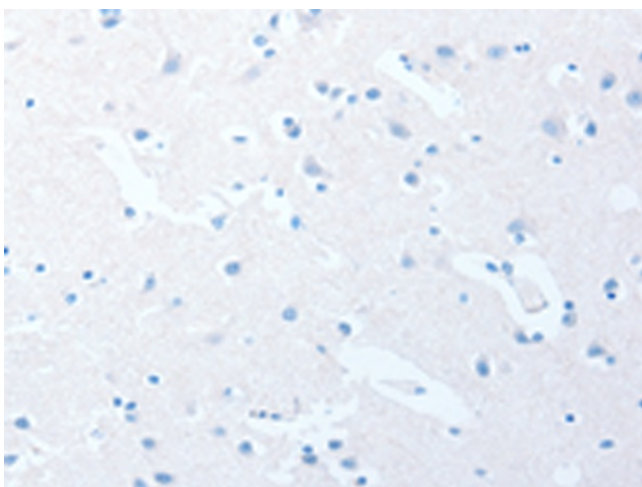
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349770 (LY96 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349770 (LY96 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349770 (LY96 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349770 (LY96 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)