

Anti-NCAM Antibody (2S376)

Product Details

Ig Type:	Mouse IgG2a, k
Reactivity:	Human
Molecular Weight:	Theoretical: 92 kDa. Actual: 140 kDa.
Clone:	2S376
Purification:	Protein G purified

Applications

1. scatter diagram showing peripheral blood lymphocytes stained with CD56. The cells were incubated with the antibody (TMAB-09267) for 30 min at 22°C. The secondary antibody used for 40 min at room temperature. Acquisition of >10,000 events was performed.
2. Paraformaldehyde-fixed, paraffin embedded Human Prostate Tumor; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with human CD56 (NCAM) Monoclonal Antibody, Unconjugated (TMAB-09267) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with human CD56 (NCAM) Monoclonal Antibody, Unconjugated (TMAB-09267) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with human CD56 (NCAM) Monoclonal Antibody, Unconjugated (TMAB-09267) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with human CD56 (NCAM) Monoclonal Antibody, Unconjugated (TMAB-09267) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with human CD56 (NCAM) Monoclonal Antibody, Unconjugated (TMAB-09267) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Left Parietal Lobe; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with human CD56 (NCAM) Monoclonal Antibody, Unconjugated (TMAB-09267) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse) and DAB staining.
- Verified Activity:
- Application: IHC-P,IHC-Fr,IF,FCM

A DRUG SCREENING EXPERT

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CD56

Antigen Species: Human

Gene ID: 4684

Uniprot ID: P13591

Research Background

This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011]

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