

Anti-CD49F (Integrin Alpha 6) [GoH3]

Catalogue number: 154730

Sub-type: Primary antibody

Images:

Contributor

Inventor: Arnoud Sonnenberg

Institute: Netherlands Cancer Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD49F (Integrin Alpha 6) [GoH3]

Alternate name: ITGA6

Class: Monoclonal

Conjugate: Unconjugated

Description: The ITGA6 protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4 in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Specific loss of this integrin chain in the intestinal epithelium, and thus of their hemidesmosomes, induces long-standing colitis and infiltrating adenocarcinomas.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Dog ; Human ; Mouse

Selectivity:

Host: Rat

Immunogen: 1242-1255 of the C-terminus of the Human c-erbB-2/HER-2/neu protein. This sequence is identical in Rat neu

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD49F

Target alternate names:

Target background: The ITGA6 protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4 in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Specific loss of this integrin chain in the intestinal epithelium, and thus of their hemidesmosomes, induces long-standing colitis and infiltrating adenocarcinomas.

Molecular weight: 126 kDa

Ic50:

Applications

Application: FACS ; IHC ; IP

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Ttu et al. 1994. Cancer. 73(9):2359-65. PMID: 7909490. ; Marks et al. 1994. Ann Surg. 219(4):332-41. PMID: 7909221. ; van Leeuwen et al. 1990. Oncogene. 5(4):497-503. PMID: 1970152. ; van de Vijver et al. 1988. N Engl J Med. 319(19):1239-45. PMID: 2903446. ; Varley et al. 1987. Oncogene. 1(4):423-30. PMID: 3330785. ; Di Fiore et al. 1987. Science. 237(4811):178-82. PMID: 2885917. ; Slamon et al. 1987. Science. 235(4785):177-82. PMID: 3798106. ; Yamamoto et al. 1986. Nature. 319(6050):230-4. PMID: 3003577. ; Bargmann et al. 1986. Nature. 319(6050):226-30. PMID: 3945311. ; Blick et al. 1984. Blood. 64(6):1234-9. PMID: 6208953.

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