CD5

| (E6N9S) Rabbit mAb | T C | Cell Signaling | |
|--------------------|------------------------------|--|--|
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#10084 Store at -20C For Research Use Only. Not for Use in Diagnostic Procedures.

| Information Vestern Blotting 1:1000 Immunohistochemistry (Paraffin) 1:200 - 1:800 Storage Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA, 50% glycerol, and less thar 0.02% sodium axide. Store at -20°C. Do not aliquot the antibody. For a carrier free (BSA and azide free) version of this product see product #39815. Specificity/Sensitivity CD5 (ESN95) Rabbit mAb recognizes endogenous levels of total CD5 protein. Non-specific staining was observed in brain by immunohistochemistry. Source / Purification Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro95 of mouse CD5 protein. Background CD5 is a type-I transmembrane protein belonging to the scavenger receptor cysteline-rich (SRCR) family, characterized by the presence of at least one SRCR domain of 90-110 amino acids. CD5 is expression is increased in regulatory T and B cells (TregyRegs). Anergic T and B cells. Its expression is increased in regulatory T and B cells (TregyForegs). Anergic T and B cells. Its expression is increased in the Cell receptor (TCR) and number of directly binds to 1L6 and can mediate downstream signaling. CD5 He cells promote tumor growth in animal models (7). Research targeting CD5 have been actively pursued as therapeutic interventions for cancer and other conditions (8,9). Background References 1. Raman, C. (2002) Immunol Res 26, 255-53. S. Soldevila, G. et al. (2011) Curr Opin Immunol 23, 310-8. 3. Sigal, LH. (2012) / Clin Rheumatol 18, 83-8. Azzam, H.S. et al. (2000) Autoimmun Rev 8, | Applications: W, IHC-P | Reactivity: M | Sensitivity: Endogenous | MW (kDa): 70 | Source/Isotype: Rabbit IgG | UniProt ID: #P13379 | Entrez-Gene Id: 12507 | |
|--|------------------------------|-------------------------|--|--|--|-------------------------------|--------------------------|--|
| 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody. For a carrier free (BSA and azide free) version of this product see product #39815. Specificity/Sensitivity Source / Purification Background CD5 (ENN95) Rabbit mAb recognizes endogenous levels of total CD5 protein. Non-specific staining was observed in brain by immunohistochemistry. Background CD5 is a typel-transmembrane protein belonging to the scavenger receptor cysteine-rich (SRCR) family, characterized by the presence of at least one SRCR domain of 90-110 amino acids. CD5 is expressed by all mature T cells, the B-1 a subset of mature B cells, and some leukemic B cells at so have elevated CD5 expression is increased in regulatory T and B cells (Tregs/Pregs). Anergic T and B cells at so have elevated CD5 expression is increased in regulatory T and B cells (Tregs/Pregs). Anergic T and B cells at so have elevated CD5 expression is increased in regulatory T and B cells (Tregs/Pregs). Anergic T and B cells at so have elevated CD5 expression is increased in regulatory T and B cells (Tregs/Pregs). Anergic T and B cells at so have elevated CD5 expression is increased in regulatory T and B cells (Tregs/Pregs). Anergic T and B cells at so have elevated CD5 expression is increased in regulatory T and B cells (Tregs/Pregs). Anergic T and B cells at so have elevated CD5 expression is increased in regulatory T and B cells and back travation and differentiation. CD5 expression on the tumor infiltrating T hyphocytes is inversely correlated with the treat receive (TCR) and negatively modulates T cell acted with the treat receive (TCR) and heagtively bindudates T cell acted the division and cells at the cells at the control to B and an emetated with ther cell receport (TCR) and heagtively bindudates T cell acted wit | Product Usage Information | | Western Blotting 1:1000 | | 800 | | | |
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| All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for | Cross-Reactivit | ty Key | melanogaster X: Xenopus Z: Zebrafish B: Bovine Dg: Dog Pg: Pig Sc: S. cerevisiae Ce: C. elegans Hr: | | | | | |
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