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| <b>Product name:</b>     | CD166 Rabbit Polyclonal Antibody   |
| <b>Cat number:</b>       | ABN08245   |
| <b>Conjugate:</b>        | Unconjugated   |
| <b>Size:</b>             | 100µL  |
| <b>Clone:</b>            | Polyclonal   |
| <b>Concentration:</b>    | 1mg/ml   |
| <b>Host:</b>             | Rabbit   |
| <b>Isotype:</b>          | IgG  |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from the C-terminal region of human ALCAM. AA range:481-530   |
| <b>Reactivity:</b>       | Human,Mouse,Rat  |
| <b>Applications:</b>     | WB 1:500-1:2000,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000  |
| <b>Molecular Weight:</b> | 65kDa  |
| <b>Purification:</b>     | Affinity purification  |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.   |
| <b>Background:</b>       | <p>This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation 166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigene CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, Aug 2011],domain:The CD6 binding site is located in the N-terminal Ig-like domain.,function:Cell adhesion molecule that binds to CD6. Involved in neurite extension by neurons via heterophilic and homophilic interactions. May play a role in the binding of T- and B-cells to activated leukocytes, as well as in interactions between cells of the nervous system.,similarity:Contains 2 Ig-like V-type (immunoglobulin-like) domains.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Spleen, placenta, liver, and weakly in liver. Expressed by activated T-cells, B-cells, monocytes and thymic epithelial cells. Expressed by neurons in the brain. Restricted expression in tumor cell lines. Preferentially expressed in highly metastasizing melanoma cell lines.,</p> |