



CD48 rabbit pAb

Cat No.:ES3977

For research use only

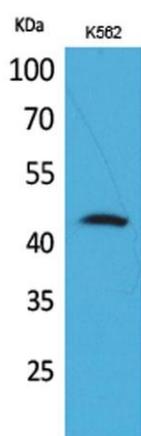
Overview

| | |
|---------------------------------|--|
| Product Name | CD48 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from the Internal region of human CD48. AA range:41-90 |
| Specificity | CD48 Polyclonal Antibody detects endogenous levels of CD48 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | CD48 antigen |
| Gene Name | CD48 |
| Cellular localization | Cell membrane ; Lipid-anchor, GPI-anchor . Secreted . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 40kD |
| Human Gene ID | 962 |
| Human Swiss-Prot Number | P09326 |
| Alternative Names | CD48; BCM1; BLAST1; CD48 antigen; B-lymphocyte activation marker BLAST-1; BCM1 surface antigen; Leukocyte antigen MEM-102; TCT.1; CD48 |
| Background | This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the |

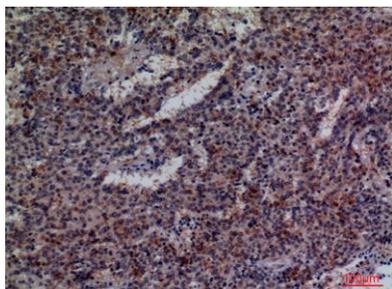




surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],



Western Blot analysis of K562 cells using CD48 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



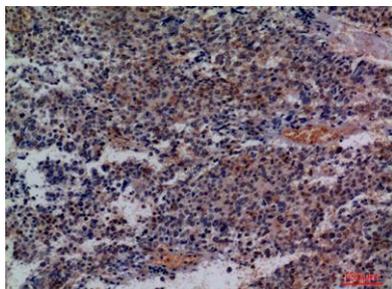
Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100





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Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100



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