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|--------------------------|---|
| <b>Cat. No:</b>          | AB-84738  |
| <b>Conjugate:</b>        | Unconjugated  |
| <b>Size:</b>             | 100 ug  |
| <b>Clone:</b>            | POLY  |
| <b>Concentration:</b>    | 1mg/ml  |
| <b>Host:</b>             | Rabbit  |
| <b>Isotype:</b>          | IgG   |
| <b>Immunogen:</b>        | collagen, type VI, alpha 1  |
| <b>Reactivity:</b>       | Human, Mouse, Rat   |
| <b>Applications:</b>     | Western Blot: 1:500-1:1000 Immunoprecipitation: 1:500-1:1000<br>Immunohistochemistry:1:50-1:200 Immunofluorescence: 1:20-1:200  |
| <b>Molecular Weight:</b> | 140 kDa   |
| <b>Purification:</b>     | Immunogen affinity purified   |
| <b>Synonyms:</b>         | COL6A1, collagen 6A1, Collagen alpha 1(VI) chain, collagen, type VI, alpha 1, OPLL  |
| <b>Background:</b>       | Type VI Collagen is a major structural component of microfibrils. Type VI Collagen was found to be present throughout the connective tissue and in the extracellular matrix of cultured fibroblasts(PMID: 6723253). It is a heterotrimer composed of three different chains: alpha-1(VI), alpha-2(VI), and alpha-3(VI) or alpha-5(VI) or alpha-6(VI). The alpha-1(VI) chain is encoded by COL6A1 gene. Mutations in this gene result in Bethlem myopathy and Ullrich congenital muscular dystrophy. |
| <b>Form:</b>             | Liquid  |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  |
| <b>Storage:</b>          | Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)   |

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