

<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 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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