



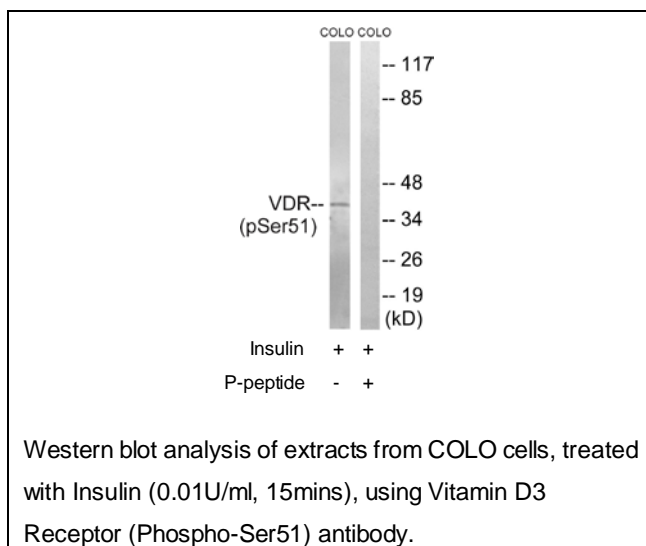
Vitamin D3 Receptor (Phospho-Ser51) Antibody

E11-8205A

Catalog Number: E11-8205A**Concentration:** 1mg/ml**Swiss-Prot No.:** P11473**Other Names:** 1,25-dihydroxyvitamin D3 receptor; NR111;
vitamin D receptor; vitamin D3 receptor**All Sites:** Human: Ser51; Mouse: Ser51; Rat: Ser51**Storage/Stability:** Store at -20 °C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered
saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl,
0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against
synthesized phosphopeptide derived from human Vitamin
D3 Receptor around the phosphorylation site of serine 51
(R-R-S^P-M-K).**Purification:** The antibody was affinity-purified from
rabbit antiserum by affinity-chromatography usingepitope-specific phosphopeptide. The antibody against
non-phosphopeptide was removed by chromatography
using non-phosphopeptide corresponding to the
phosphorylation site.**Specificity:** Vitamin D3 Receptor (Phospho-Ser51)
antibody detects endogenous levels of Vitamin D3
Receptor only when phosphorylated at serine 51.**Reactivity:** Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)**Applications:** WB: 1:500~1:1000 ELISA: 1:20000**References:**Baker A.R., Proc. Natl. Acad. Sci. U.S.A.
85:3294-3298(1988).

Goto H., Biochim. Biophys. Acta 1132:103-108(1992).

Miyamoto K., Mol. Endocrinol. 11:1165-1179(1997).

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