

### **Antibody Quality Control of non-phospho antibodies:**

Name of Antibody: IKK beta (human)

Sheep Number: S189C

Bleed Number: 1-3

Immuno Blotting: NOT TESTED

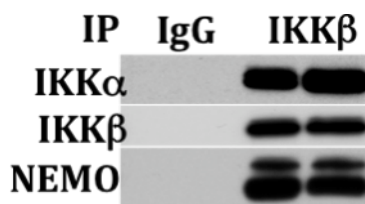
Immunoprecipitation: YES

Does it immunoprecipitate endogenous protein: YES, RAW264.7 (mouse cell line) and primary mouse macrophages. The antibody successfully immunoprecipitated the entire canonical IKK complex.

Amount used: 3-10  $\mu$ g of bleed 1-3 with 1 mg of cell extract. Immunoblotted with a commercial antibody from Millipore. NOTE that bleed 1 works best and that the antibody does not detect IKK $\alpha$ , IKK $\epsilon$  or TBK1.

Immuno blotting after Immunoprecipitation: NOT TESTED

Reference: Clark et al. (2011) The TRAF-associated protein TANK facilitates cross-talk within the I $\kappa$ B kinase family during Toll-like receptor signalling. Proc. Natl. Acad. Sci. U. S. A. (in press)



Lysates of RAW264.7 macrophages (1 mg cell extract) were incubated with antibodies (10  $\mu$ g) from non-immunised sheep (IgG) or antibodies (10  $\mu$ g) against IKK $\beta$ . The immunoprecipitates were washed, separated by SDS-PAGE and immunoblotted with the antibodies indicated.

IKK $\beta$  is part of the canonical IKK complex which consists of NEMO, IKK $\alpha$  and IKK $\beta$ . Note that the antibody against IKK $\beta$  immunoprecipitates the entire canonical IKK complex.