

# Anti-Erythropoietin receptor [Ab198] Standard Size Ab01211-11.0

**Isotype and Format:** Human IgG2, Kappa

**Clone Number:** Ab198

**Alternative Name(s) of Target:** EPO-R

**UniProt Accession Number of Target Protein:** P19235

**Published Application(s):** RIA, SFA, SPR

**Published Species Reactivity:** Human

**Immunogen:** Ab198 was generated by immunising XenoMouse mice (humanised immune system) with soluble human EpoR.

**Specificity:**

**Application Notes:** RIA showed that Ab198 competes with EPO for binding to EPO-R. SPR determined the K<sub>d</sub> of Ab198 binding to EPO-R as 13.9 nM. In an EPO dependent human cell proliferation assay Ab198 stimulated proliferation of the F36E cell line. Ab198 also induced proliferation of human erythroid producing cells derived from progenitor cells in a dose-dependent manner. In a cynomolgus bone marrow CFUe assay Ab198 induced the formation of CFU-E colonies.

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.