

## Anti-CD71 [OX-26] Bulk Size Ab00558-8.4-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2b, Fc Silent™, Kappa

**Clone Number:** OX-26

**Alternative Name(s) of Target:** transferrin receptor; TfR; p90; T9; TFR1; OX26; MRC OX26; MRC OX-26

**UniProt Accession Number of Target Protein:** Q99376

**Published Application(s):** invivo, WB, FC, IF, IHC-Fr

**Published Species Reactivity:** Rat

**Immunogen:** OX-26 was prepared by immunizing BALB/c mice with rat transferrin receptor.

**Specificity:** This antibody binds to rat CD71, the transferrin receptor.

**Application Notes:** This antibody binds to the rat transferrin receptor, and in its original mouse IgG2a version, it was shown to be taken up into the brain across the blood-brain barrier (Moss 2001). Mutational screening showed that this process is dependent on the antibody's affinity for its target (Haqqani 2018). The antibody can also be used in flow cytometry, immunofluorescence, and western blot, and it may also be used in frozen-section IHC.

**Antibody First Published in:** Jefferies et al. Transferrin receptor on endothelium of brain capillaries. Nature. 1984 Nov 8-14;312(5990):162-3. [PMID:6095085](#)

**Note on publication:** Describes the first characterization of OX26.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.