

## Anti-5T4 [39A11G5F2] Standard Size Ab02654-1.1

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** 39A11G5F2

**Alternative Name(s) of Target:** TPBG; M6P1; WAIF1; Trophoblast glycoprotein; 5T4 oncofetal antigen; 5T4 oncofetal trophoblast glycoprotein; 5T4 oncotrophoblast glycoprotein; Wnt-activated inhibitory factor 1

**UniProt Accession Number of Target Protein:** Q13641

**Published Application(s):** functional assay, ELISA, FC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing BALB/cAnNCrI mice or SJL/JorllcoCrI mice with either full length TPBG or amino acid sequence 32-355 from TPBG.

**Specificity:** This antibody is specific for TPBG. It does not bind to the same epitope as 12B12C7C3.

**Application Notes:** An ELISA was performed on this antibody with TPBG protein (EP3395834). This antibody was used for flow cytometry on a CHOK1 cell line transformed to contain full-length human TPBG (EP3395834). A cytotoxicity assay was performed on TPBG-negative tumor cell line NCI-H1770 using this antibody conjugated with MMF (EP3395834).

**Antibody First Published in:** Xiaolan et al. Tpbg antibody and preparation method therefor, conjugate and use thereof. EP3395834A4 [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.