GITR (DM80) RABBIT MAB

Cat.#: 28401
Product Name: Anti-GITR(DM80) Rabbit Monoclonal Antibody
Synonyms: AITR; GITR; TNFRSF18; CD357
Description: Anti-GITR antibody(DM80) Rabbit Monoclonal Antibody
Background: This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation; and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25( )CD4( ) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
Applications: ELISA; Flow Cyt
Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100
Host Species: Rabbit
Isotype: Rabbit IgG
Purification: Purified from cell culture supernatant by affinity chromatography
Species Reactivity: Human GITR
Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.
Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

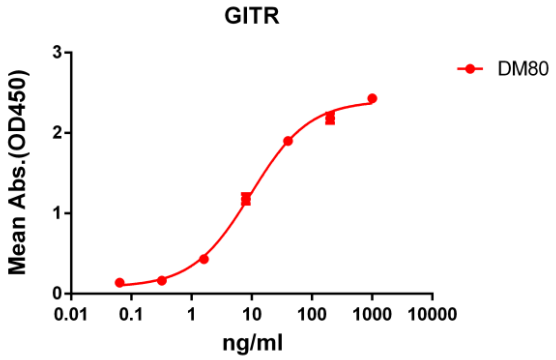

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human GITR protein, hFc-His tagged protein 11146 can bind Rabbit anti-GITR monoclonal antibody (clone: DM80) in a linear range of 1-100 ng/ml.

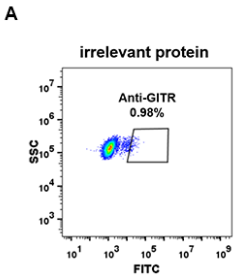

Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human GITR (B) were surface stained with Rabbit anti-GITR monoclonal antibody 1μg/ml (clone: DM80) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

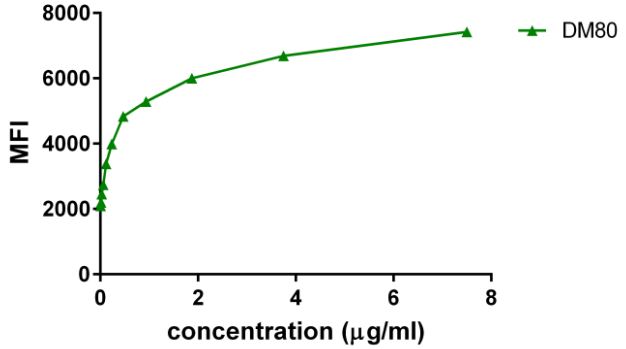

Figure 3. Flow cytometry data of serially titrated Rabbit anti-GITR monoclonal antibody (clone: DM80) on PC3 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

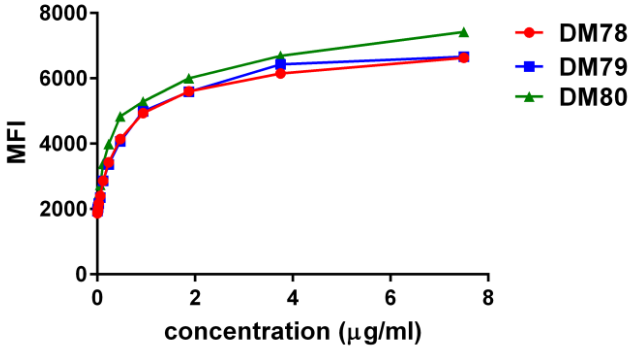

Figure 4. Affinity ranking of different Rabbit anti-GITR mAb clones by titration of different concentration onto PC3 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.