

Anti-11-Deoxycortisol [CET-M8] Standard Size Ab00402-1.4

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

Isotype and Format: Mouse IgG1, Fc Silent™, Kappa

Clone Number: CET-M8

Alternative Name(s) of Target: Cortodoxone; 17-hydroxy-11-deoxycorticosterone; 17alpha,21-dihydroxyprogesterone; cortexolone

UniProt Accession Number of Target Protein:

Published Application(s): RIA, ELISA

Published Species Reactivity: n/a

Immunogen: 4-(2-carboxyethylthio)-11-deoxycortisol linked to bovine serum albumin.

Specificity: Binds specifically to 11-deoxycortisol. No cross-reactivity with cortisol or cortisone.

Application Notes: The antibody binds specifically to 11-Deoxycortisol, a glucocorticoid steroid hormone which can be oxygenated to cortisol. The monoclonal antibody recognises the functional groups at C-11 and C-21 in the steroid portion of 11-deoxycortisol, and can be useful in determining plasma levels of deoxycortisol in the metyrapone test in the diagnosis of Cushing's syndrome and adrenal insufficiency.

Antibody First Published in: Hosoda et al. Production and Specificity of a Monoclonal Anti-11-deoxycortisol Antibody. CChem Pharm Bull (Tokyo). 1986 Jul;34(7):2914-8. [PMID:3769092](#)

Note on publication: Describes the generation of a monoclonal antibody against 11-deoxycortisol and studies on its specificity and cross-reactivity.

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.