

## Anti-11-Deoxycortisol [CET-M8] Bulk Size Ab00402-10.7-BT

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human F(ab)2, AbFab2™ His-Tagged, 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:** 500 µg Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.