

Claudin 3 (Ab-219) Antibody

Catalog Number: E11-8317B

Concentration: 1mg/ml Swiss-Prot No.: O15551

Other Names: CLD3; CLDN3; Clostridium perfringens enterotoxin receptor 2; CPE-R 2; CPE-receptor 2; HRVP1; Ventral prostate 1 protein homolog

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human Claudin 3 around the phosphorylation site of tyrosine 219

(Ab-219) antibody.

 $(R-K-D-Y^P-V).$

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

Specificity: Claudin 3 (Ab-219) antibody detects endogenous levels of total Claudin 3 protein.

Reactivity: Human (Identities = 100%, Positives = 100%) **Applications:** WB: 1:500~1:1000 ELISA: 1:1000

References:

Peacock R.E., Genomics 46:443-449(1997).

Katahira J., J. Biol. Chem. 272:26652-26658(1997).

The MGC Project Team; Genome Res.

14:2121-2127(2004).

COLO COLO
-- 117
-- 85

-- 48
-- 34
-- 26
-- 19
(kD)

EGF + +
Peptide - +

Western blot analysis of extracts from COLO cells,
treated with EGF (200ng/ml, 30mins), using Claudin 3