

Recombinant

DGRmAb®

CEACAM1 (DGR16802) Rabbit mAb

db14794

Package : 10µL 20µL 50µL 100µL

Product Name : CEACAM1 (DGR16802) Rabbit mAb**Cat.No.:** db14794**Synonyms :** BGP; BGP1; BGPI**Application :** WB, IHC-P, IP**Reactivity :** Human**Host species :** Rabbit**Background**

This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature of all variants has not been defined. [provided by RefSeq, May 2010]

Immunogen

A synthetic peptide of human CEACAM1

Gene ID

634

Swiss Prot

P13688

Synonyms

BGP; BGP1; BGPI

Reactivity

Human

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:50-1:100

IP: 1:10-1:100

Calculated MW

58 kDa

Observed MW	120-160 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16802
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

