

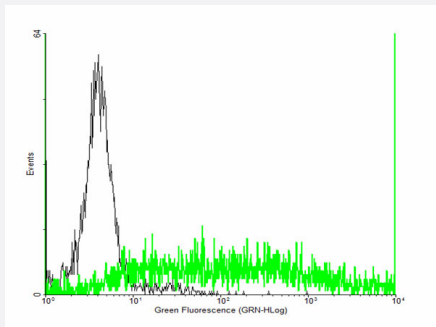
MaxPab®

COLEC12 MaxPab mouse polyclonal antibody (B01)

Catalog # H00081035-B01

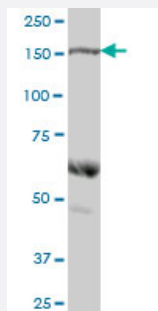
Size 50 uL

Applications



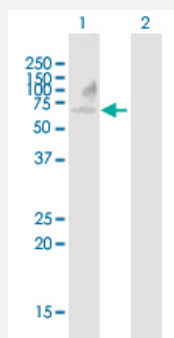
Flow Cytometry

FACS analysis of negative control 293 cells (Black) and COLEC12 expressing 293 cells (Green) using COLEC12 purified MaxPab mouse polyclonal antibody.



Western Blot (Tissue lysate)

COLEC12 MaxPab polyclonal antibody. Western Blot analysis of COLEC12 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of COLEC12 expression in transfected 293T cell line ([H00081035-T01](#)) by COLEC12 MaxPab polyclonal antibody.

Lane 1: COLEC12 transfected lysate(68.42 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human COLEC12 protein.

Immunogen	COLEC12 (NP_110408, 1 a.a. ~ 622 a.a) full-length human protein.
Sequence	MKDDFAEEEEVQSFGYKRFGIQEGTQCTKCKNNWALKFSIILLYILCALLTITVAILGYKVVEKMDNV TGGMETSRQTYDDKLTAVESDLKKLGDQTGKKAISTNSELSTFRSDILDLRQQLREITEKTSKNKD TLEKLQASGDALVDRQSQLKETLENNNFLITTVNKTQLAYNGYVTNLQQDTSVLQGNLQNMYSH NVVIMNLLNNLNTQVQQRNLITNLQRSVDDTSQAIQRIKNDFQNLQQVFLQAKKDDTWLKEKVQSL QTLAANNSALAKANNDTLEDMNSQLNSFTGQMENITTISQANEQNLKDLQDLHKDAENRTAIKFNQ LEERFQLFETDIVNIISNISYTAHHLRTLTSNLNEVRTTCDTLTKHTDDLTSLNNTLANIRLDSVSLRM QQDLMRSRLDTEVANLSVIMEEMKLVDSKHGQLIKNFTILQGPPGPRGPRGDRGSQGPPGPTGN KGQKGEKGEPGPPGAGERGPIGPAGPPGERGGKGSKGSQGPKGSRGSPGKPGPQGPGSDP GPPGPPGKEGLPGPQGPPGFQGLQGTVGEPGVPGRGLPLGVPGMPPGKGPFGPPGPPSG AVVPLALQNEPTPAPEDNSKSKPSLQPGGQGSACA
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Flow Cytometry

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- Western Blot (Tissue lysate)

COLEC12 MaxPab polyclonal antibody. Western Blot analysis of COLEC12 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of COLEC12 expression in transfected 293T cell line ([H00081035-T01](#)) by COLEC12 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — COLEC12

Entrez GeneID [81035](#)

GeneBank Accession# [NM_030781](#)

Protein Accession# [NP_110408](#)

Gene Name COLEC12

Gene Alias CLP1, NSR2, SCARA4, SRCL

Gene Description collectin sub-family member 12

Omim ID [607621](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequence s and carbohydrate recognition domains. This protein is a scavenger receptor, a cell surface glycoprotein that can bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. In addition, these receptors can recognize oxidized phospholipids so they may also participate in removing oxidatively damaged or apoptotic cells. [provided by RefSeq]

Other Designations collectin placenta 1|nurse cell scavenger receptor 2|scavenger receptor class A, member 4|scavenger receptor with C-type lectin

Publication Reference

- [Stromal C-type lectin receptor COLEC12 integrates H. pylori, PGE2-EP2/4 axis and innate immunity in gastric diseases.](#)

Chang LL, Hsu WH, Kao MC, Chou CC, Lin CC, Liu CJ, Weng BC, Kuo FC, Kuo CH, Lin MH, Wang CJ, Lin CH, Wu DC, Huang SK.

Scientific Reports 2018 Feb; 8:3821.

Application: IF, IHC, Human, Primary gastric stromal cells (GSCs), gastric surgical tissue

Disease

- [Tobacco Use Disorder](#)