

Human Cytokine Antibody Array - Membrane (274 Targets) ab198496

1 Image

Overview

Product name	Human Cytokine Antibody Array - Membrane (274 Targets)
Sample type	Serum, Plasma, Other biological fluids, Cell Lysate, Cell culture media, Tissue Lysate
Assay type	Semi-quantitative
Species reactivity	Reacts with: Human
Product overview	ab198496 can be used for the simultaneous detection of 274 Human Cytokine proteins in serum, plasma, cell culture media and other liquid samples types. It comes as 1 kit including 5 separate membranes labelled C6, C7, C8, C9 and C10 (see below for images showing the array layout on each membrane).

Target names: 4-1BB (TNFRSF9/CD137), ACE-2, Adiponectin (ACRP30), Activin A, Adipsin (Complement Factor D), AgRP, ALCAM (CD166), Alpha-fetoprotein, Amphiregulin, Angiogenin, Angiopoietin-1, Angiopoietin-2, Angiostatin, ANGPTL4, Axl, CD80 (B7-1), Beta-2 Microglobulin, BCAM, BCMA (TNFRSF17), BDNF, beta IG-H3, bFGF, BLC (CXCL13), BMP-4, BMP-5, BMP-6, BMP-7, beta-NGF, Betacellulin (BTC), CA125, CA15-3, CA19-9, CA9, Cardiotrophin-1 (CT-1), Cathepsin S, HCC-1 (CCL14), 6Ckine (CCL21), CCL28 (MEC), CD14, CD23, CD30 (TNFRSF8), CD40 (TNFRSF5), CD40 Ligand (TNFSF5), CEA, CEACAM-1, CK beta 8-1 (CCL23), CNTF, Cripto-1, CRP (C-Reactive Protein), CTACK (CCL27), CXCL16, DAN, Decorin, DKK-1, Dkk-3, Dkk-4, CD26 (DPPIV), DR6 (TNFRSF21), Dtk, E-Cadherin, EDA-A2, EGF, EGFR, EG-VEGF (PK1), ENA-78 (CXCL5), Endoglin (CD105), Eotaxin-1 (CCL11), Eotaxin-2 (MPIF-2/CCL24), Eotaxin-3 (CCL26), TROP1 (EpCAM), ErbB2, ErbB3, Erythropoietin R, E-Selectin, Fas (TNFRSF6/Apo-1), Fas Ligand (TNFSF6), Fc gamma RIIb/C (CD32B/C), Ferritin, FGF-4, FGF-6, FGF-7 (KGF), FGF-9, Flt-3 Ligand, FLRG, Follistatin, Fractalkine (CX3CL1), FSH, Furin, Galectin-7, GCP-2 (CXCL6), GCSF, GDF-15, GDNF, GITR (TNFRSF18), GITR Ligand (TNFSF18), GM-CSF, GRO alpha/beta/gamma, GRO alpha (CXCL1), Growth Hormone, HB-EGF, HCC-4 (CCL16), hCG intact, HGF, HVEM (TNFRSF14), I-309 (TCA-3/CCL1), ICAM-1 (CD54), ICAM-2 (CD102), ICAM-3 (CD50), IFN-gamma, IGFBP-1, IGFBP-2, IGFBP-3, IGFBP-4, IGFBP-6, IGF-1, IGF-1 R, IGF-2, IL-1 R2, IL-1 R4 (ST2), IL-1 R1, IL-10, IL-10 R alpha, IL-10 R beta, IL-11, IL-12 p40, IL-12 p70, IL-13, IL-13 R alpha 2, IL-13 R1, IL-15, IL-16, IL-17A, IL-17B, IL-17C, IL-17F, IL-17 RA, IL-18 BP alpha, IL-18 R beta (AcPL), IL-1 alpha (IL-1 F1), IL-1 beta (IL-1 F2), IL-1 ra (IL-1 F3), IL-2, IL-2 R beta (CD122), IL-2 R gamma (Common gamma Chain), IL-2 R alpha, IL-21 R, IL-22, IL-28A (IFN-lambda 2), IL-29 (IFN-lambda 1), IL-3, IL-31, IL-4, IL-5, IL-5 R alpha, IL-6, IL-6 R, IL-7, IL-8 (CXCL8), IL-9, Insulin, IP-10 (CXCL10), I-TAC (CXCL11), LAP/TGF beta 1, Leptin, Leptin R, LIF, Light (TNFSF14), LIMP11, L-Selectin (CD62L), Luteinizing hormone,

Lymphotoxin (XCL1), LYVE-1, Marapsin, MCP-1 (CCL2), MCP-2 (CCL8), MCP-3 (MARC/CCL7), MCP-4 (CCL13), M-CSF, M-CSF R, MDC (CCL22), MICA, MICB, MIF, MIG (CXCL9), MIP-1 alpha (CCL3), MIP-1 beta (CCL4), MIP-1 delta (CCL15), MIP-3 alpha (CCL20), MIP-3 beta (CCL19), MMP-1, MMP-10, MMP-13, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MPlF-1 (CCL23), MSP alpha/beta, NAP-2 (PPBP/CXCL7), NCAM-1 (CD56), NGFR (TNFRSF16), Nidogen-1, NrCAM, NRG1-beta 1 (HRG1-beta 1), NT-3, NT-4, Oncostatin M, Osteopontin (SPP1), Osteoprotegerin (TNFRSF11B), PAI-1, PARC (CCL18), PDGF-AA, PDGF R alpha, PDGF R beta, PDGF-AB, PDGF-BB, PECAM-1 (CD31), PLGF, Platelet factor 4 (CXCL4), Procalcitonin, Prolactin, PSA-free, PSA-total, RAGE, RANK (TNFRSF11A), RANTES (CCL5), Resistin, S100 B, SAA (Serum Amyloid A), SCF, SCF R (CD117/c-kit), SDF-1 alpha (CXCL12 alpha), SDF-1 beta (CXCL12 beta), gp130, Sonic Hedgehog N-Terminal (Shh-N), Siglec-5 (CD170), Siglec-9, TNF RII (TNFRSF1B), TNF RI (TNFRSF1A), TACE, TARC (CCL17), TECK (CCL25), TGF beta 2, TGF alpha, TGF beta 3, TGF beta 1, Thrombopoietin (TPO), Thyroglobulin, Tie-1, Tie-2, TIM-1 (KIM-1), TIMP-1, TIMP-2, TIMP-4, TNF alpha, TNF beta (TNFSF1B), TRAIL R2 (TNFRSF10B/DR5), TRAIL R3 (TNFRSF10C), TRAIL R4 (TNFRSF10D), Trappin-2, TREM-1, TSH, TSLP, Ubiquitin+1, uPAR, VCAM-1 (CD106), VE-Cadherin (CDH5), VEGF-A, VEGFR2, VEGFR3, VEGF-C, VEGF-D, XEDAR.

Learn more about membrane antibody arrays

Notes

Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances. It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

Tested applications

Suitable for: Multiplex Protein Detection

Properties

Storage instructions

Store at -20°C. Please refer to protocols.

Components	1 x 2 Membranes	1 x 4 Membranes
1,000X HRP-Conjugated Streptavidin	2 x 50µl	3 x 50µl
1X Blocking Buffer	2 x 25ml	6 x 25ml
20X Wash Buffer I	2 x 20ml	3 x 20ml
20X Wash Buffer II	2 x 20ml	3 x 20ml
2X Cell Lysis Buffer	2 x 16ml	3 x 16ml
8-Well Incubation Tray (with Lid)	2 units	3 units
Biotinylated Antibody Cocktail (C10)	1 vial	2 vials
Biotinylated Antibody Cocktail (C6)	1 vial	2 vials
Biotinylated Antibody Cocktail (C7)	1 vial	2 vials
Biotinylated Antibody Cocktail (C8)	1 vial	2 vials

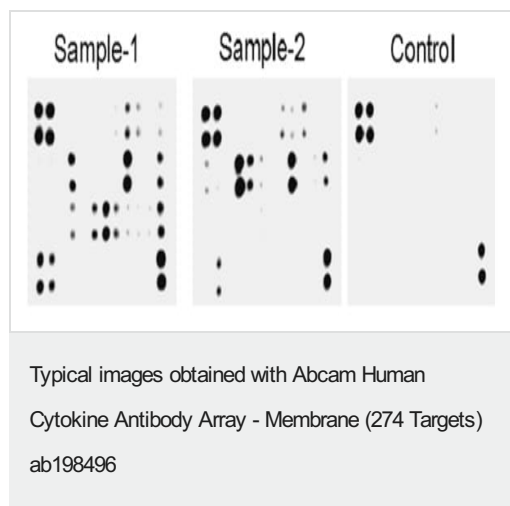
Components	1 x 2 Membranes	1 x 4 Membranes
Biotinylated Antibody Cocktail (C9)	1 vial	2 vials
Detection Buffer C	2 x 2.5ml	3 x 2.5ml
Detection Buffer D	2 x 2.5ml	3 x 2.5ml
Human Cytokine Antibody Array Membranes (C10)	1 x 2 units	1 x 4 units
Human Cytokine Antibody Array Membranes (C6)	1 x 2 units	1 x 4 units
Human Cytokine Antibody Array Membranes (C7)	1 x 2 units	1 x 4 units
Human Cytokine Antibody Array Membranes (C8)	1 x 2 units	1 x 4 units
Human Cytokine Antibody Array Membranes (C9)	1 x 2 units	1 x 4 units

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab198496 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Multiplex Protein Detection		Use at an assay dependent concentration.

Images



Typical images obtained with Abcam Human Cytokine Antibody Array - Membrane (274 Targets) ab198496 Antibody Array. These membranes were probed with conditioned media from two different cell lines. Membranes were exposed with film at room temperature for 1 minute.

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