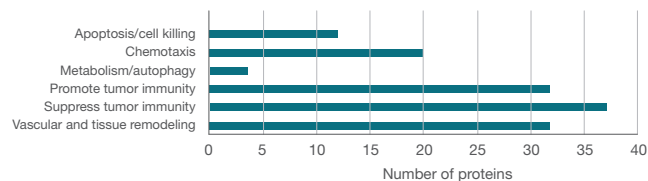


Applies to article number 95311, released June 13, 2019

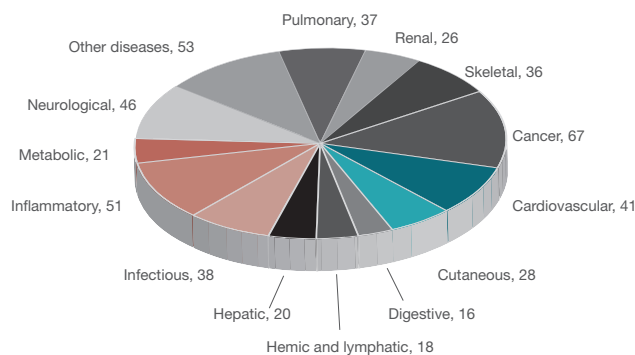
Adenosine deaminase (ADA)	P00813	Decorin (DCN)	P07585
Adhesion G-protein coupled receptor G1 (ADGRG1)	Q9Y653	Fibroblast growth factor 2 (FGF2)	P09038
Angiotensin-converting enzyme 1 (ACE1)	Q15389	Fractalkine (CX3CL1)	P78423
Angiotensin-converting enzyme 2 (ACE2)	Q02763	Galectin-1 (Gal-1)	P09382
Angiotensin-converting enzyme 3 (ACE3)	O15123	Galectin-9 (Gal-9)	O00182
Arginase-1 (ARG1)	P05089	Granzyme A (GZMA)	P12544
Carbonic anhydrase 9 (CAIX)	Q16790	Granzyme B (GZMB)	P10144
Caspase-8 (CASP-8)	Q14790	Granzyme H (GZMH)	P20718
C-C motif chemokine 13 (MCP-4)	Q99616	Heme oxygenase 1 (HO-1)	P09601
C-C motif chemokine 17 (CCL17)	Q92583	Hepatocyte growth factor (HGF)	P14210
C-C motif chemokine 19 (CCL19)	Q99731	ICOS ligand (ICOSLG)	O75144
C-C motif chemokine 2 (MCP-1)	P13500	Interferon gamma (IFN-gamma)	P01579
C-C motif chemokine 20 (CCL20)	P78556	Interleukin-1 alpha (IL-1 alpha)	P01583
C-C motif chemokine 23 (CCL23)	P55773	Interleukin-10 (IL10)	P22301
C-C motif chemokine 3 (CCL3)	P10147	Interleukin-12 (IL12)	P29459, P29460
C-C motif chemokine 4 (CCL4)	P13236	Interleukin-12 receptor subunit beta-1 (IL12RB1)	P42701
C-C motif chemokine 7 (MCP-3)	P80098	Interleukin-13 (IL13)	P35225
C-C motif chemokine 8 (MCP-2)	P80075	Interleukin-15 (IL15)	P40933
CD27 antigen (CD27)	P26842	Interleukin-18 (IL18)	Q14116
CD40 ligand (CD40-L)	P29965	Interleukin-2 (IL2)	P60568
CD40L receptor (CD40)	P25942	Interleukin-33 (IL33)	O95760
CD70 antigen (CD70)	P32970	Interleukin-4 (IL4)	P05112
CD83 antigen (CD83)	Q01151	Interleukin-5 (IL5)	P05113
C-X-C motif chemokine 1 (CXCL1)	P09341	Interleukin-6 (IL6)	P05231
C-X-C motif chemokine 10 (CXCL10)	P02778	Interleukin-7 (IL7)	P13232
C-X-C motif chemokine 11 (CXCL11)	O14625	Interleukin-8 (IL8)	P10145
C-X-C motif chemokine 13 (CXCL13)	O43927	Killer cell immunoglobulin-like receptor 3DL1 (KIR3DL1)	P43629
C-X-C motif chemokine 5 (CXCL5)	P42830	Latency-associated peptide transforming growth factor beta-1 (LAP TGF-beta-1)	P01137
C-X-C motif chemokine 9 (CXCL9)	Q07325	Lymphocyte activation gene 3 protein (LAG3)	P18627
Cytotoxic and regulatory T-cell molecule (CRTAM)	O95727	Lysosome-associated membrane glycoprotein 3 (LAMP3)	Q9UQV4

Macrophage colony-stimulating factor 1 (CSF-1)	P09603	Stromal cell-derived factor 1 (CXCL12)	P48061
Macrophage metalloproteinase-12 (MMP12)	P39900	T-cell surface glycoprotein CD4 (CD4)	P01730
Matrix metalloproteinase-7 (MMP7)	P09237	T-cell surface glycoprotein CD5 (CD5)	P06127
MHC class I polypeptide-related sequence A/B (MIC-A/B)	Q29980	T-cell surface glycoprotein CD8 alpha chain (CD8A)	P01732
Mucin-16 (MUC-16)	Q8WXI7	T-cell-specific surface glycoprotein CD28 (CD28)	P10747
Natural cytotoxicity triggering receptor (NCR1)	O76036	TNF-related apoptosis-inducing ligand (TRAIL)	P50591
Natural killer cell receptor 2B4 (CD244)	Q9BZW8	Tumor necrosis factor (TNF)	P01375
Natural killer cells antigen CD94 (KLRD1)	Q29983, Q13241	Tumor necrosis factor ligand superfamily member 12 (TWEAK)	O43508
Nitric oxide synthase, endothelial (NOS3)	P29474	Tumor necrosis factor ligand superfamily member 14 (TNFSF14)	O43557
Placenta growth factor (PGF)	P49763	Tumor necrosis factor ligand superfamily member 6 (FASLG)	P48023
Platelet-derived growth factor subunit B (PDGF subunit B)	P01127	Tumor necrosis factor receptor superfamily member 12A (TNFRSF12A)	Q9NP84
Pleiotrophin (PTN)	P21246	Tumor necrosis factor receptor superfamily member 21 (TNFRSF21)	O75509
Pro-epidermal growth factor (EGF)	P01133	Tumor necrosis factor receptor superfamily member 4 (TNFRSF4)	P43489
Programmed cell death 1 ligand 1 (PD-L1)	Q9NZQ7	Tumor necrosis factor receptor superfamily member 9 (TNFRSF9)	Q07011
Programmed cell death 1 ligand 2 (PD-L2)	Q9BQ51	Vascular endothelial growth factor A (VEGFA)	P15692
Programmed cell death protein 1 (PDCD1)	Q15116	Vascular endothelial growth factor receptor 2 (VEGFR-2)	P35968

Biological Process



Disease Area



Classification of biomarker proteins included in the panel based on Biological Process and Disease Area. Note that proteins may belong to multiple classes in some cases.

For more details visit www.olink.com/immuno-onc

This product is sold under license from PHRI Properties, Inc. and may be used under the PHRI Properties patent rights outside the field of human *in vitro* diagnostics. Olink is a registered trademark of Olink Proteomics AB. All third party trademarks are the property of their respective owners.

© 2016–2019 Olink Proteomics AB.

Olink Proteomics AB, Uppsala Science Park, SE-751 83 Uppsala, Sweden
Olink Proteomics Inc., 65 Grove Street, Watertown, MA 02472, USA

www.olink.com

