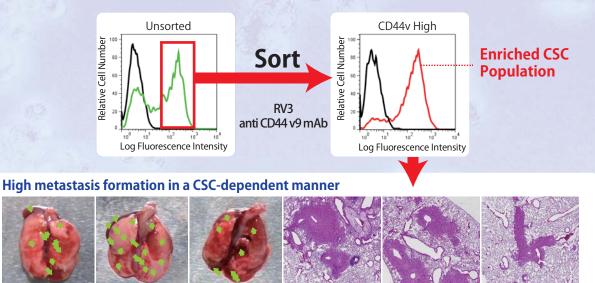
Antibodies

Cancer-Stem-Cell—CD 44 v mAb Enrichment Antibodies

Powerful tools for in vivo CSC drug discovery and basic cancer research

Variant isoforms of CD44 (CD44v) are preferentially expressed on cancer stem cells (CSC). These highly specific CD44v monoclonal antibodies are well characterized and highly recommended for measuring CD44v expression by flow cytometry and for enrichment of CSC populations by cell sorting.

In vivo Lung metastasis assay study showing the high efficiency of CD44 v9-High cell populations sorted from the human pancreatic cancer cell line AsPC-1 to colonize mouse lung.



Green arrows indicate readily observable metastatic colonies following injection of sorted CD44 v9-High cells into mice. H&E staining is shown at right.

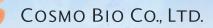
The high efficiency of metastasis (colony) formation by CD44 v9-High cells presents an opportunity to assay the effectiveness of new anti-CSC therapeutic strategies.

In vitro Sphere formation assays with CD44 v9-sorted human PC3 prostate cancer cells

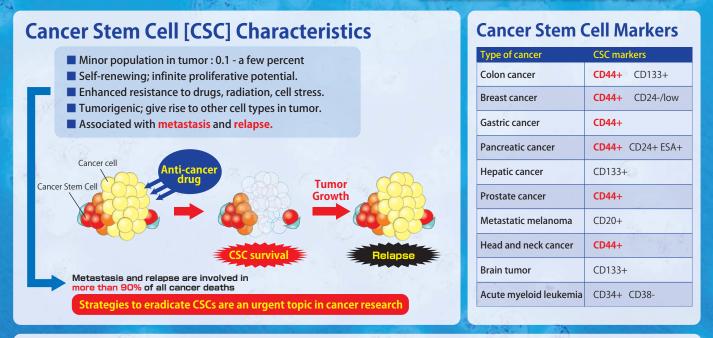




Order Information					
Description	Host	Clone	Application	Cat. No.	Quantity
Anti Human CD44 v9	Rat	RV3	FCM/ IHC/ IF	CAC-LKG-M003	50 µg
			/ WB/ IP/ ELISA	CAC-LKG-M001	100 µg
Anti Mouse CD44 v10-e16	Rat	RM1	FCM	CAC-LKG-M002	100 µg

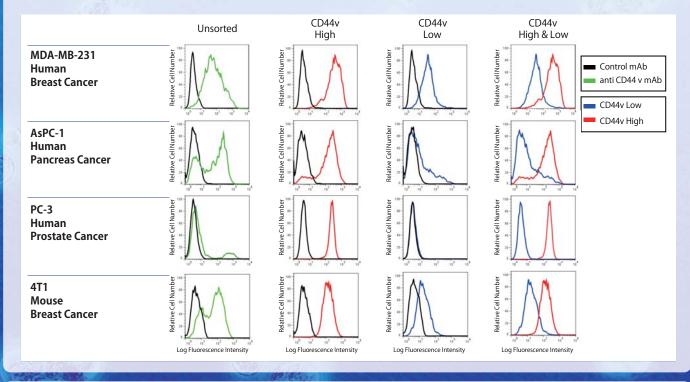


Cancer-Stem-Cell—cd 44 v mAb Enrichment Antibodies!



Flow Cytometry and Cell Sorting with Anti CD44 v9 (RV3) and CD44 v10-e16 (RM1) mAb

These well characterized CD44v monoclonal antibodies are highly recommended for measuring CD44v expression by flow cytometry and for enrichment of CSC populations by cell sorting.



References

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