HadamardProduct

IMPORTS

PBblas | PBblas.internal | PBblas.internal.MatDims | PBblas.Types |
PBblas.internal.Types | PBblas.internal.Converted | std.BLAS | std.system.Thorlib |

DESCRIPTIONS

FUNCTION **HadamardProduct**

`DATASET(Layout_Cell)`	**HadamardProduct**
`(DATASET(Layout_Cell) X, DATASET(Layout_Cell) Y)`	

Element-wise multiplication of X * Y. Supports the "myriad" style interface – X and Y may contain
multiple separate matrixes. Each X will be multiplied by the Y with the same work-item id. Note: This
performs element-wise multiplication. For dot-product matrix multiplication, use PBblas.gemm.

PARAMETER $\underline{X}$ A matrix (or multiple matrices) in Layout_Cell form

PARAMETER $\underline{Y}$ A matrix (or multiple matrices) in Layout_Cell form

RETURN A matrix (or multiple matrices) in Layout_Cell form

SEE PBblas/Types.Layout_Cell